Diary

SBv 97.41.1 (31)

William Brewster,
145 Brattle Street,
Cambridge
Massachusetts

"

Should this diary be lost or mislaid any one finding and returning it to the above address would receive a suitable reward for such trouble

"

THE STANDARD DIARY

FOR SALE BY ALL STATIONERS

PUBLISHED BY
THE STANDARD DIARY CO

FOR IDENTIFICATION.

My Name .....

My Residence .....

.....

My Business Address .....

.....

My Home Telephone .....

My Office Telephone .....

My Home Fire Alarm Box .....

My Office Fire Alarm Box .....

In case of accident or serious illness please notify .....

.....

.....

The make of my Automobile .....

.....

Its Number .....

Number on case of my Watch .....

Number of the works .....

Number of my Bank Book .....

Number of my Ins. Policy .....

Name of Ins. Co. .....

My Weight was ..... *On* .....

and my Height ..... *feet* ..... *Inches*

Size of Hat ..... *Gloves* .....

" Shirt ..... *Collar* .....

" Hosiery ..... *Shoes* .....

CALENDAR

1919

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JAN.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
FEB.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	..
MAR.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
APRIL	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..
MAY	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
JUNE	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JULY	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
AUG.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
SEPT.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
OCT.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
NOV.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
DEC.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..

CALENDAR

1920

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JAN.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
FEB.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	..	..	..	..	..	..
MAR.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
APRIL	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	..
MAY	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..
JUNE	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	..	..	..

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JULY	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
AUG.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
SEPT.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	..	..
OCT.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
NOV.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
DEC.	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..

RATES OF POSTAGE.

Official at time of printing. As changes are expected inquire at P. O.

United States and Possessions, Canada, Mexico, Cuba, and Shanghai, China.

First Class (letters, etc.)	per ounce	3c
Second " (newspapers, periodicals) . . .	4 "	1c
Third " (all circulars and miscellaneous printed matter. Miscellaneous printed matter over 4 lbs. subject to 4th class rates)	2 "	1c
Fourth " (merchandise, books, etc.) see Parcel Post		
Registration Fee (extra postage)		10c
Special Delivery (" ")		10c
Postal Cards (reply cards 4c)		2c
Local or Drop Letters (where no free delivery) . .	"	2c
Postal Savings Bank (inquire at P. O.)		

MONEY ORDERS.—For sums not exceeding $2.50, **3** cents; over $2.50 to $5, **5** cents; over $5 to $10, **8** cents; over $10 to $20, **10** cents; over $20 to $30, **12** cents; over $30 to $40, **15** cents; over $40 to $50, **18** cents; over $50 to $60, **20** cents; over $60 to $75, **25** cents; over $75 to $100, **30** cents.

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed*, without additional charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

PARCEL POST, for United States and Possessions.

(Inquire at Post Office.)

Owing to frequent changes in rates, weights, etc., we deem it impracticable to attempt to give accurate information.

Postage to Foreign Countries.

Letters for Canada, Cuba, Mexico, British Isles, Newfoundland, Republic of Panama; U. S. Postal Agency at Shanghai, China; Leeward Islands; Bahamas; British Honduras; Dutch West Indies, Dutch St. Martins; Barbadoes, Dutch Guiana and New Zealand . .	per ounce	3c
" for other countries	"	5c
	each additional ounce or fraction	3c
Postal cards (reply cards, 6c)		3c
Newspapers and printed matter	2 ounces	1c
Samples merchandise	first 4 "	2c
	every additional 2 "	1c
Commercial papers	first 10 ounces or fraction	5c
	every additional 2 ounces	1c
Registration Fee (extra postage)		10c
Reply Coupons (to prepay return letter) inquire at P. O.		
Parcels Post (inquire at P. O.)	per lb.	12c
Money Orders (inquire at P. O.)		

POPULATION OF THE UNITED STATES.

***Estimated Population July 1, 1916, based upon Federal Censuses.**

	*1916	1910
Alabama	2,332,608	2,138,093
Arizona	255,544	204,354
Arkansas	1,739,723	1,574,449
California	2,938,654	2,377,549
Colorado	962,060	799,024
Connecticut	1,244,479	1,114,756
Delaware	213,380	202,322
District of Columbia	363,980	331,069
Florida	893,493	752,619
Georgia	2,856,065	2,609,121
Idaho	428,586	325,594
Illinois	6,152,257	5,638,591
Indiana	2,816,817	2,700,876
Iowa	2,220,321	2,224,771
Kansas	1,829,545	1,690,949
Kentucky	2,379,639	2,289,905
Louisiana	1,829,130	1,656,388
Maine	772,489	742,371
Maryland	1,362,807	1,294,450
Massachusetts	3,719,156	3,366,416
Michigan	3,054,854	2,810,173
Minnesota	2,279,603	2,075,708
Mississippi	1,951,674	1,797,114
Missouri	3,410,692	3,293,335
Montana	459,494	376,053
Nebraska	1,271,375	1,192,214
Nevada	106,734	81,875
New Hampshire	442,506	430,572
New Jersey	2,948,017	2,537,167
New Mexico	410,283	327,396
New York	10,273,375	9,113,614
North Carolina	2,402,738	2,206,287
North Dakota	739,201	577,056
Ohio	5,150,356	4,767,121
Oklahoma	2,202,081	1,657,155
Oregon	835,741	672,765
Pennsylvania	8,522,017	7,665,111
Rhode Island	614,315	542,674
South Carolina	1,625,475	1,515,400
South Dakota	698,509	583,888
Tennessee	2,288,004	2,184,789
Texas	4,429,566	3,896,542
Utah	434,083	373,351
Vermont	363,699	355,956
Virginia	2,192,019	2,061,612
Washington	1,534,221	1,141,990
West Virginia	1,386,038	1,221,119
Wisconsin	2,500,350	2,333,860
Wyoming	179,559	145,965
Alaska	64,834	64,356
Hawaii	215,714	191,909
Panama Canal Zone	31,048	61,279
Philippine Islands	8,834,187	8,265,348
Porto Rico	1,216,083	1,118,012
Military and Naval stationed abroad	45,123	55,608
Total	112,444,620	101,748,269

POPULATION OF PRINCIPAL CITIES.

***Estimated Population July 1, 1916, based upon Federal Censuses.**

	*1916	1910
Akron, O.	85,625	69,067
Albany, N. Y.	104,199	100,253
Allentown, Pa.	63,505	51,913
Altoona, Pa.	58,659	52,127
Atlanta, Ga.	190,558	154,839
Atlantic City, N. J.	57,660	46,150
Augusta, Ga.	50,245	41,040
Baltimore, Md.	589,621	558,485
Bay City, Mich.	47,942	45,166
Bayonne, N. J.	69,893	55,545
Binghamton, N.Y.	53,973	48,443
Birmingham, Ala.	181,762	132,685
Boston, Mass.	756,476	670,585
Bridgeport, Conn.	121,579	102,054
Brockton, Mass.	67,449	56,878
Brooklyn, N.Y.	1,928,734	1,634,351
Buffalo, N.Y.	468,558	423,715
Butte, Mont.	43,425	39,165
Cambridge, Mass.	112,981	104,839
Camden, N. J.	106,233	94,538
Canton, O.	60,852	50,217
Cedar Rapids, Ia.	37,308	32,811
Charleston, S. C.	60,734	58,833
Charlotte, N. C.	39,823	34,014
Chattanooga, Tenn.	60,075	44,604
Chelsea, Mass.	46,192	32,452
Chester, Pa.	41,396	38,537
Chicago, Ill.	2,497,722	2,185,283
Cincinnati, O.	410,476	364,463
Cleveland, O.	674,073	560,663
Columbus, O.	214,878	181,548
Covington, Ky.	57,144	53,270
Dallas, Tex.	124,527	92,104
Davenport, Ia.	48,811	43,028
Dayton, O.	127,224	116,577
Decatur, Ill.	39,631	31,140
Denver, Col.	260,800	213,381
Des Moines, Ia.	101,598	86,368
Detroit, Mich.	571,784	465,766
Dubuque, Ia.	39,873	38,494
Duluth, Minn.	94,495	78,466
East St. Louis, Ill.	74,708	58,547
Elizabeth, N. J.	86,690	73,409
Elmira, N. Y.	38,120	37,176
Erie, Pa.	75,195	66,525
Evansville, Ind.	76,078	69,647
Everett, Mass.	39,233	33,484
Fall River, Mass.	128,366	119,295
Fitchburg, Mass.	41,781	37,826
Fort Wayne, Ind.	76,183	63,933
Fort Worth, Tex.	104,562	73,312
Galveston, Tex.	41,863	36,981
Grand Rapids, Mich.	128,291	112,571
Hamilton, O.	40,496	35,279
Harrisburg, Pa.	72,015	64,186
Hartford, Conn.	110,900	98,915

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

	*1916	1910
Haverhill, Mass.	48,477	44,115
Hoboken, N. J.	77,214	70,324
Holyoke, Mass.	65,286	57,730
Houston, Tex.	112,307	78,800
Huntington, W. Va.	45,629	31,161
Indianapolis, Ind.	271,708	233,650
Jacksonville, Fla.	76,101	57,699
Jersey City, N. J.	306,345	267,779
Johnstown, Pa.	68,529	55,482
Joliet, Ill.	38,010	34,670
Kalamazoo, Mich.	48,886	39,437
Kansas City, Kan.	99,437	82,331
Kansas City, Mo.	297,847	248,381
Knoxville, Tenn.	38,676	36,346
Lancaster, Pa.	50,853	47,227
Lawrence, Mass.	100,560	85,892
Lexington, Ky.	41,097	35,099
Lincoln, Neb.	46,515	43,973
Little Rock, Ark.	57,343	45,941
Lorain, O.	36,964	28,833
Los Angeles, Cal.	503,812	319,198
Louisville, Ky.	238,910	223,928
Lowell, Mass.	113,245	106,294
Lynn, Mass.	102,425	89,336
Macon, Ga.	45,757	40,665
Malden, Mass.	51,155	44,404
Manchester, N. H.	78,283	70,063
McKeesport, Pa.	47,521	42,694
Memphis, Tenn.	148,995	131,105
Milwaukee, Wis.	436,535	373,857
Minneapolis, Minn.	363,454	301,408
Mobile, Ala.	58,221	51,521
Montgomery, Ala.	43,285	38,136
Mount Vernon, N. Y.	37,009	30,919
Muskogee, Okla.	44,218	25,278
Nashville, Tenn.	117,057	110,364
Newark, N. J.	408,894	347,469
New Bedford, Mass.	118,158	96,652
New Britain, Conn.	53,794	43,916
Newcastle, Pa.	41,133	36,280
New Haven, Conn.	149,685	133,605
New Orleans, La.	371,747	339,075
Newton, Mass.	43,715	39,806
New York, N. Y.	5,602,841	4,766,883
Niagara Falls, N.Y.	37,353	30,445
Norfolk, Va.	89,612	67,452
Oakland, Cal.	198,604	150,174
Oklahoma City, Okla.	92,943	64,205
Omaha, Neb.	165,470	124,096
Pasadena, Cal.	46,450	30,291
Passaic, N.J.	71,744	54,773
Paterson, N. J.	138,443	125,600
Pawtucket, R. I.	59,411	51,622
Peoria, Ill.	71,458	66,950
Perth Amboy, N. J.	41,185	32,121
Philadelphia, Pa.	1,709,518	1,549,008
Pittsburg and Allegheny, Pa.	579,090	533,905

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

	*1916	1910
Pittsfield, Mass.	38,629	32,121
Portland, Me.	63,867	58,571
Portland, Ore.	295,463	207,214
Portsmouth, Va.	39,651	33,190
Providence, R. I.	254,960	224,326
Pueblo, Col.	54,462	44,395
Quincy, Mass.	38,136	32,642
Racine, Wis.	46,486	38,002
Reading, Pa.	109,381	96,071
Richmond, Va.	156,687	127,628
Roanoke, Va.	43,284	34,874
Rochester, N. Y.	256,417	218,149
Rockford, Ill.	55,185	45,401
Sacramento, Cal.	66,895	44,696
Saginaw, Mich.	55,642	50,510
Saint Joseph, Mo.	85,236	77,403
Saint Louis, Mo.	757,309	687,029
Saint Paul, Minn.	247,232	214,744
Salem, Mass.	48,562	43,697
Salt Lake City, Utah	117,399	92,777
San Antonio, Tex.	123,831	96,614
San Diego, Cal.	53,330	39,578
San Francisco, Cal.	463,516	416,912
San Jose, Cal.	38,902	28,946
Savannah, Ga.	68,805	65,064
Schenectady, N. Y.	99,519	72,826
Scranton, Pa.	146,811	129,867
Seattle, Wash.	348,639	237,194
Sioux City, Ia.	57,078	47,828
Somerville, Mass.	87,039	77,236
South Bend, Ind.	68,946	53,684
Spokane, Wash.	150,323	104,402
Springfield, Ill.	61,120	51,678
Springfield, Mass.	105,942	88,926
Springfield, O.	51,550	46,921
Superior, Wis.	46,226	40,384
Syracuse, N. Y.	155,624	137,249
Tacoma, Wash.	112,770	83,743
Tampa, Fla.	53,886	37,782
Terre Haute, Ind.	66,083	58,157
Toledo, O.	191,554	168,497
Topeka, Kan.	48,726	43,684
Trenton, N. J.	111,593	96,815
Troy, N. Y.	77,916	76,813
Utica, N. Y.	85,692	74,419
Washington, D. C.	363,980	331,069
Waterbury, Conn.	86,973	73,141
West Hoboken, N. J.	43,139	35,403
Wheeling, W. Va.	43,377	41,641
Wichita, Kan.	70,722	52,450
Wilkesbarre, Pa.	76,776	67,105
Wilmington, Del.	94,265	87,411
Woonsocket, R. I.	44,360	38,125
Worcester, Mass.	163,314	145,986
Yonkers, N. Y.	99,838	79,803
York, Pa.	51,656	44,750
Youngstown, O.	108,385	79,066

THE LARGEST CITIES IN THE WORLD.

Cities in United States—From *Estimate* July 1, 1916, U. S. Govt.
Foreign Cities—Statesmen's Year Book and World Almanac, 1916.

New York	5,602,841	Los Angeles	503,812
London	4,522,964	Hyderabad	500,623
Paris	2,888,110	Lisbon	500,000
Chicago	2,497,722	Prague	500,000
Berlin	2,071,257	Santiago, Chili	500,000
Tokio, Japan	2,033,321	Rotterdam	472,520
Vienna	2,031,498	Mexico City	470,659
Petrograd	2,019,000	Montreal	470,480
Philadelphia	1,709,518	Buffalo	468,558
Buenos Ayres	1,700,000	San Francisco	463,516
Moscow	1,618,000	Sheffield	454,632
Osaka, Japan	1,387,366	Nagoya, Japan	447,951
Constantinople	1,300,000	Leeds	445,550
Warsaw	1,250,000	Kobe, Japan	440,766
Calcutta	1,222,313	Milwaukee	436,535
Rio Janeiro	1,100,000	Turin	427,106
Bombay	982,000	Hong Kong	417,400
Hamburg	953,079	Lodz, Poland	415,650
Buda-Pesth	900,000	Frankfort-on-Main	414,576
Canton	900,000	Cincinnati	410,476
Barcelona	850,230	Newark, N.J.	408,894
Sydney	800,000	Dublin	403,030
Tientsin	800,000	Sao Paulo, Brazil	400,000
Glasgow	784,496	Yokohama	396,101
St. Louis	757,309	Belfast	386,947
Boston	756,476	Stockholm	382,085
Liverpool	746,421	New Orleans	371,747
Naples	723,000	Riga	370,000
Manchester, Eng.	714,333	Montevideo	368,648
Peking	693,000	Washington	363,980
Cleveland	674,073	Minneapolis	363,454
Brussels	663,600	Dusseldorf	358,728
Cairo, Egypt	654,476	Bristol, Eng.	357,048
Shanghai	651,000	Havana	350,000
Bangkok	628,675	Palermo	341,088
Odessa	620,200	Bucharest	338,109
Madrid	620,000	Nuremberg	333,142
Amsterdam	609,084	Alexandria	332,246
Melbourne	600,160	Edinburgh	320,318
Milan	599,200	Antwerp	312,884
Munich	596,467	The Hague	312,430
Leipzig	589,850	Jersey City	306,345
Baltimore	589,621	Charlottenburg, Prussia	305,978
Pittsburgh	579,090	Hanover, Germany	302,375
Detroit	571,784	Essen, Germany	294,653
Copenhagen	559,398	West Ham, Eng.	289,030
Marseilles	550,619	Bradford	288,458
Dresden	550,565	Chemnitz	287,807
Rome	542,123	Stuttgart	286,218
Birmingham, Eng.	525,833	Teheran	280,000
Lyons	523,796	Hull	277,991
Madras	520,000	Genoa	272,221
Cologne	517,000	Newcastle	266,603
Breslau	512,105	Nottingham	259,904
Kioto, Japan	508,068	Lucknow	259,798
Kiev, Russia	505,060		

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of	Residence when elected.	Political Party.
1	George Washington	Feb. 22, 1732	April 30, 1789	8 years	Dec. 14, 1799	Virginia.	Virginia.	Federal.
2	John Adams	Oct. 31, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.	Mass.	"
3	Thomas Jefferson	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.	Virginia.	Republican.
4	James Madison	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"	"	"
5	James Monroe	April 28, 1758	" 4, 1817	8 "	July 4, 1831	"	"	"
6	John Quincy Adams	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.	Mass.	Coalition.
7	Andrew Jackson	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.	Tennessee.	Democrat.
8	Martin Van Buren	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.	New York.	"
9	Wm. H. Harrison	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.	Ohio.	Whig.
10	John Tyler	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"	Virginia.	Democrat.
11	James K. Polk	Nov. 2, 1795	Mar. 4, 1845	4 years	June 15, 1849	N. Carolina.	Tennessee.	Democrat.
12	Zachary Taylor	Sept. 24, 1784	" 4, 1849	1 year 4 mos.	July 9, 1850	Virginia.	Louisiana.	Whig.
13	Millard Fillmore	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.	New York.	"
14	Franklin Pierce	Nov. 23, 1804	Mar. 4, 1853	4 years	Oct. 8, 1869	N. Hamp.	N. Hamp.	Democrat.
15	James Buchanan	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.	Penn.	"
16	Abraham Lincoln	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.	Illinois.	Republican.
17	Andrew Johnson	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.	Tennessee.	"
18	Ulysses S. Grant	April 27, 1822	Mar. 4, 1869	8 years	July 23, 1885	Ohio.	Illinois.	"
19	Rutherf'd B. Hayes	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"	Ohio.	"
20	James A. Garfield	Nov. 19, 1831	" 4, 1881	6½ months	Sept. 19, 1881	"	"	"
21	Chester A. Arthur	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.	New York.	"
22	Grover Cleveland	Mar. 18, 1837	Mar. 4, 1885	4 years	June 24, 1908	New Jersey.	"	Democrat.
23	Benjamin Harrison	Aug. 20, 1833	" 4, 1889	4 "	Mar. 13, 1901	Ohio.	Indiana.	Republican.
24	Grover Cleveland	Mar. 18, 1837	" 4, 1893	4 "	June 24, 1908	New Jersey.	New York.	Democrat.
25	William McKinley	Jan. 29, 1843	" 4, 1897	4 yrs. 6½ mos.	Sept. 14, 1901	Ohio.	Ohio.	Republican.
26	Theodore Roosevelt	Oct. 27, 1858	Sept. 14, 1901	7 yrs. 5½ mos.	.....	New York.	New York.	Republican.
27	Wm. Howard Taft	Sept. 15, 1857	Mar. 4, 1909	4 yrs.	.....	Ohio.	Ohio.	Republican.
28	Woodrow Wilson	Dec. 28, 1856	" 4, 1913	.....	.....	Virginia.	New Jersey.	Democrat.

INTEREST TABLE.

FOUR PER CENT.

Time.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	11
3 "	0	0	0	0	0	0	0	0	0	½	3½	33
5 "	0	0	0	0	0	0	0	½	½	½	5½	56
10 "	0	0	0	½	½	½	1	1	1	1	11	1 11
1 Mo.	0	½	1	1½	1½	2	2½	2½	3	3½	33	3 33
2 "	½	1½	2	2½	3½	4	4½	5½	6	6½	67	6 67
3 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
4 "	1½	2½	4	5½	6½	8	9½	10½	12	13½	1 33	13 33
6 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
9 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
1 Yr.	4	8	12	16	20	24	28	32	36	40	4 00	40 00

FIVE PER CENT.

Time.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	14
3 "	0	0	0	0	0	0	0	0	0	0	4	42
5 "	0	0	0	0	0	0	0	1	1	1	7	69
10 "	0	0	0	0	1	1	1	1	1	1½	14	1 39
1 Mo.	½	1	1	2	2	3	3	3	4	4	42	4 17
2 "	1	1½	3	3	4	5	6	7	8	8	83	8 33
3 "	1	2½	4	5	6	8	9	10	11	13	1 25	12 50
4 "	1½	3	5	7	8	10	12	13	15	17	1 67	16 67
6 "	2½	5	8	10	13	15	18	20	23	25	2 50	25 00
9 "	3¾	7½	11	15	19	23	26	30	34	38	3 75	37 50
1 Yr.	5	10	15	20	25	30	35	40	45	50	5 00	50 00

SIX PER CENT.

Time.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	2	17
3 "	0	0	0	0	0	0	0	0	0	1	5	50
5 "	0	0	0	0	0	1	1	1	1	1	8	83
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
1 Mo.	½	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	1½	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
9 "	4½	9	14	18	23	27	32	36	41	45	4 50	45 00
1 Yr.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

INTEREST LAWS OF ALL THE STATES

AND DAYS OF GRACE.

States and Territories.	Days of Grace. Notes.	Days of Grace. Sight Drafts	Rates of Interest. Legal.	Rates of Interest. Special or Contract	Statutes of Limitations. Judgments. Years.	Statutes of Limitations. Notes. Years.	Statutes of Limitations. Open Accts. Years.
Alabama . . .	No	No	8	8 per ct.	20	6*	3
Alaska . . .	No	No	8	12 per ct.	10	6	6
Arizona . . .	No	No	6	10 per ct.	4	4	3
Arkansas . . .	No	No	6	10 per ct.	10	5	3
California . . .	No	No	7	No limit.	5	4	4
Colorado . . .	No	No	8	No limit.	20	6	6
Connecticut . .	No	No	6	¶12perct.	(a)	(b)	6
Delaware . . .	No	No	6	6 per ct.	10	6†	3
Dist. of Columbia	No	No	6	10 per ct.	12	3	3
Florida	No	No	8	10 per ct.	20	5	3
Georgia . . .	No	No	7	8 per ct.	7	6†	4
Hawaiian Isl'nds	No	No	8	12 per ct.	20	6	6
Idaho	No	No	7	12 per ct.	6	5	4
Illinois	No	No	5	7 per ct.	7	10	5
Indiana . . .	No	No	6	8 per ct.	20	10	6
Iowa	No	No	6	8 per ct.	18‡	10	5
Kansas . . .	No	No	6	10 per ct.	5	5	3
Kentucky . . .	No	No	6	6 per ct.	15	15	2
Louisiana . . .	No	No	5	8 per ct.	10	5	3
Maine	No	Yes	6	No limit.	20	6-20	6
Maryland . . .	No	No	6	6 per ct.	12	3	3
Massachusetts .	No	Yes	6	No limit.	20	6	6
Michigan . . .	No	No	5	7 per ct.	10	6	6
Minnesota . .	No	No	6	10 per ct.	10	6	6
Mississippi . .	Yes	Yes	6	8 per ct.	7	6	3
Missouri . . .	No	No	6	8 per ct.	10	10	5
Montana . . .	No	No	8	12 per ct.	10	8	5
Nebraska . . .	No	No	7	10 per ct.	5	5	4
Nevada . . .	No	No	7	12 per ct.	6	6	4
New Hampshire	No	Yes	6	6 per ct.	20	6	6
New Jersey . .	No	No	6	6 per ct.	20	6	6
New Mexico . .	No	No	6	12 per ct.	7	6	4
New York . .	No	No	6	‖6 per ct.	20	6	6
North Carolina .	No	No	6	6 per ct.	10	3*	3
North Dakota .	No	No	6	10 per ct.	10	6	6
Ohio	No	No	6	8 per ct.	5	15	6
Oklahoma . .	No	No	6	10 per ct.	1-5	5	3
Oregon	No	No	6	10 per ct.	10	6	6
Pennsylvania .	No	No	6	6 per ct.	5.	5†	6
Philippine Isl'nds	No	No	6	No limit.	....	....	....
Porto Rico . .	No	No	6	12 per ct.	5	3	3
Rhode Island .	No	Yes	6	No limit.	20	6	6
South Carolina .	No	No	7	8 per ct.	10	6	6
South Dakota .	No	No	7	12 per ct.	20	6	6
Tennessee . .	No	No	6	6 per ct.	10	6	6
Texas	Yes	Yes	6	10 per ct.	10	4	2
Utah	No	No	8	12 per ct.	8	6	4
Vermont . . .	No	No	6	6 per ct.	6	6	6
Virginia . . .	No	No	6	6 per ct.	20	5*	5
Washington . .	No	No	6	12 per ct.	6	6	3
West Virginia .	No	No	6	6 per ct.	10	10	5
Wisconsin . .	No	No	6	10 per ct.	6-20	6	6
Wyoming . . .	No	No	8	12 per ct.	5	10	8

‖ Any rate of interest on call loans of $5,000 or upward, on collateral security.
(a) No limit. (b) Negotiable notes, 6 years. * Under seal, 10 years.
† Under seal, 20 years. ‡ In Courts of Record, 35 years.
¶ Over 6 per cent. cannot be collected by law.

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4 In. = 1 Hand.
7.92 In. = 1 Link.
18 In. = 1 Cubit.
12 In. = 1 Foot.
6 Ft. = 1 Fathom.

3 Feet = 1 Yard.
5½ Yds. = 1 Rod or Pole
40 Poles = 1 Furlong
8 Fur. = 1 Mile.
69 1-6 Miles = 1 Degree.

60 Geographical Miles = 1 Degree.
1760 Yards } = 1 Mile.
5280 Feet }

MEASURE OF SURFACE.

144 Square Inches = 1 Square Foot.
9 Square Feet = 1 Square Yard.
30¼ Square Yards = 1 Sq. Rod, Perch or Pole
40 Square Rods = 1 Square Rood.
4 Square Roods = 1 Acre.
Gunter's Chain = 22 Yards or 100 Links.
10 Square Chains = 1 Acre.
640 Acres = 1 Square Mile.
272¼ Square Feet = 1 Square Rod.
43,560 Square Feet = 1 Acre.

MEASURE OF SOLIDITY.

1728 Cubic Inches = 1 Cubic Foot.
27 Cubic Feet = 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 11/32 Grains = 1 Drachm (dr.) or 27 11/32 Grains
16 Drachms = 1 Ounce (oz.) or 437½ "
16 Ounces = 1 Pound (lb.) or 7000 "
28 Pounds = 1 Quarter (qr.).
4 Quarters = 1 Hundred-Weight (cwt)
20 Cwts. = 1 Ton.
2240 Pounds = 1 Ton.

TROY WEIGHT.

24 Grains = 1 Pennyweight, or 24 Grains.
20 Pennywts = 1 Ounce, or 480 "
12 Ounces = 1 Pound, or 5760 "

APOTHECARIES' WEIGHT.

20 Grains = 1 Scruple.
3 Scruples = 1 Drachm.

8 Drachms = 1 Ounce.
12 Ounces = 1 Pound.

DIAMOND WEIGHT.

16 Parts = 1 Grain (4-5ths Grain Troy.)
4 Grains = 1 Carat (3 1-5th Grains Troy.)

LIQUID MEASURE.

4 Gills = 1 Pint.
2 Pints = 1 Quart.
4 Quarts = 1 Gallon.

31½ Gallons = 1 Barrel.
54 Gallons = 1 Hhd.
252 Gallons = 1 Tun.

DRY MEASURE.

8 Quarts = 1 Peck.
4 Pecks = 1 Bushel.

8 Bushels = 1 Quarter.
36 Bushels = 1 Chaldron.

1 Bushel = 2150.42 Cubic Inches.

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

States.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
New Hampshire	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

HELP! In Case of Accidents.

Drowning. 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms, from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back, (so as to close entrance to stomach) direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive or linseed oil, plain or mixed with chalk or whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects' Stings, etc. Apply weak ammonia, oil, salt water or iodine.

Fainting. Place flat on back; allow fresh air and sprinkle with water.

Electricity. Release from current, not touching body or wire with hands, metal or a wet stick. Handle body by its clothing, with rubber gloves and shoes if possible, if not, cover hands with dry woolen cloth, and stand on dry boards. Then induce artificial respiration as in a case of drowning. Rub limbs and massage body.

Tests of Death. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead, the hole will remain, if alive, it will close up.

Cinders in the Eye. Roll soft paper up like a lamplighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

Fire in one's Clothing. *Don't run* — especially not down stairs or out of doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down so as not to inhale flame.

Fire in a Building. Crawl on the floor. The clearest air is the lowest in the room. Cover head with a woolen wrap, wet if possible. Cut holes for the eyes. Don't get excited.

Fire in Kerosene. *Don't use water*, it will spread the flames. Dirt, sand or flour is the best extinguisher; or smother with woolen rug, table-cloth or carpet.

Suffocation from Inhaling Burning-Gas. Get into the fresh air as soon as possible and lie down. Keep warm. Take Ammonia,—twenty drops to a tumbler of water, at frequent intervals.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger, drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC. OXALIC, ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis).	Soapsuds, Magnesia, Lime-water.
Prussic Acid.	Ammonia in water. Dash water in face.
Carbolic Acid.	Flour and water, mucilaginous drinks.
Alkalies. POTASH. LYE. HARTSHORN. AMMONIA.	Vinegar or Lemon juice in water.
Arsenic. Rat Poison. Paris Green.	Milk, raw Eggs, Sweet Oil, Lime-water, Flour and water.
Bug Poison. Lead. Saltpetre. Corrosive Sublimate. Sugar of Lead. Blue Vitriol.	Whites of Eggs, or Milk in large doses.
Chloroform. Chloral. Ether.	Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.
Carbonate of Soda. Copperas. Cobalt.	Soapsuds and mucilaginous drinks.
Iodine. Antimony. Tartar Emetic.	Starch and water. Astringent infusions. Strong tea.
Mercury AND ITS SALTS.	Whites of Eggs. Milk. Mucilages.
Nitrate of Silver. Lunar Caustic.	Salt and water.
Opium. Morphine. Laudanum. Paregoric. Soothing Powders or Syrups.	Strong coffee, hot bath. Keep awake and moving at any cost.
Strychnine. Tinct. of Nux Vomica.	Mustard and water. Sulphate of Zinc. Absolute quiet. Plug the ears.

LEGAL HOLIDAYS.

In most States when the holiday falls on Sunday the Monday following is observed.

Legal holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

ALABAMA—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Oct. 10 and 12, Thanksgiving, Dec. 25.

ALASKA—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 18, Thanksgiving, Dec. 25, gen. election.

ARIZONA—Jan. 1, Feb. 14 and 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, election day, Thanksgiving, Dec. 25.

ARKANSAS—Jan. 1 and 19, Feb. 22, June 3, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election day.

CALIFORNIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, general election.

COLORADO—Jan. 1, Feb. 12 and 22, May 30, July 4, Aug. 1, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

CONNECTICUT—Jan. 1, Feb. 12 and 22, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

DELAWARE—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election day.

DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25.

FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Mardi Gras, Good Friday, Apr. 26, June 3, July 4, Labor Day, Oct. 11, Thanksgiving, Dec. 25, general election.

GEORGIA—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

HAWAII—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, election day, Thanksgiving, Dec. 25.

IDAHO—Jan. 1, Feb. 22, May 30, June 15, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.

INDIANA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

KANSAS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

KENTUCKY—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, Labor Day, Nov. 1, Thanksgiving, Dec. 25, general election.

MAINE—Jan. 1, Feb. 22, April 19, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

MARYLAND—Jan. 1, Feb. 22, Mar. 25, Good Friday, May 30, July 4, Labor Day, Sept. 12, Oct. 12, Thanksgiving, Dec. 25, general election.

MASSACHUSETTS—Jan. 1, Feb. 22, April 19, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

MICHIGAN—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving Day, Dec. 25, election days.

MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

MISSOURI—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 7 and 12, Thanksgiving, Dec. 25, election days.

MONTANA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

NEBRASKA—Jan. 1, Feb. 12 and 22, April 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12 and 31, Thanksgiving, Dec. 25, general election.

NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election.

NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, every Saturday P. M., general election.

NEW MEXICO—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P. M.

NORTH CAROLINA—Jan. 1 and 19, Feb. 22, April 12, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, election day,

NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election 12 M. to 5.30 P. M.

OKLAHOMA—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct 12, Thanksgiving, Dec. 25, election day.

OREGON—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P. M.

PORTO RICO—Jan. 1, Feb. 22, Mar. 22, Good Friday, May 30, July 4, July 25, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, State election, general election, every Saturday P. M.

SOUTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, Labor Day, Thanksgiving, Dec. 25, gen. election.

SOUTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

TENNESSEE—Jan. 1, Feb. 22, Good Friday, 2nd Friday in May, May 30, June 3, July 4, Labor Day, Thanksgiving, Dec. 25, general election, every Saturday P. M.

TEXAS—Jan. 1, Feb. 22, Mar. 2, April 21, June 3, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election day.

UTAH—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, Labor Day, Thanksgiving, Dec. 25.

VERMONT—Jan. 1, Feb. 22, May 30, July 4, Aug. 16, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, every Saturday P. M., gen. election.

WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, Labor Day, Oct. 12, T'ksg'g, Dec. 25, gen. elec., every Sat. P M.

WEST VIRGINIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labo Day, Oct. 12, Dec. 25, Thanksgiving, gen. elec., every Sat. P. M.

WISCONSIN—Jan. 1, Feb. 22, May 30, July 4, Labor Day election 1st Tuesday in Sept., T'ksg'g, Dec. 25, general election.

WYOMING—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4. Labor Day, Thanksgiving, Dec. 25, general election

RATE OF INCOME ON STOCKS.

Purchased at the following prices (par value being $100), and bearing interest at the following rates.

Paid	2%	3%	4%	5%	6%	7%	8%	10%
$50	4 00	6 00	8 00	10 00	12 00	14 00	16 00	20 00
52½	3 81	5 71	7 62	9 52	11 43	13 33	15 24	19 04
55	3 63	5 45	7 27	9 09	10 91	12 72	14 55	18 18
57½	3 48	5 22	6 96	8 70	10 43	12 17	13 91	17 40
60	3 33	5 00	6 67	8 33	10 00	11 67	13 33	16 66
62½	3 20	4 80	6 40	8 00	9 60	11 20	12 80	16 00
65	3 08	4 62	6 15	7 69	9 23	10 77	12 31	15 38
67½	2 96	4 44	5 93	7 41	8 89	10 37	11 85	14 82
70	2 86	4 29	5 71	7 14	8 57	10 00	11 43	14 28
72½	2 76	4 14	5 52	6 90	8 27	9 65	11 03	13 80
75	2 67	4 00	5 33	6 67	8 00	9 33	10 67	13 35
77½	2 58	3 87	5 16	6 45	7 74	9 03	10 32	12 90
80	2 50	3 75	5 00	6 25	7 50	8 75	10 00	12 50
82½	2 42	3 64	4 85	6 06	7 27	8 48	9 70	12 12
85	2 35	3 53	4 71	5 88	7 00	8 24	9 41	11 76
87½	2 29	3 43	4 57	5 71	6 86	8 00	9 14	11 42
90	2 22	3 33	4 44	5 56	6 67	7 78	8 89	11 11
92½	2 16	3 24	4 32	5 41	6 49	7 57	8 65	10 82
95	2 11	3 16	4 21	5 26	6 32	7 37	8 42	10 52
97½	2 05	3 08	4 10	5 13	6 15	7 18	8 21	10 26
100	2 00	3 00	4 00	5 00	6 00	7 00	8 00	10 00
102	1 96	2 94	3 92	4 90	5 88	6 86	7 84	9 80
104	1 92	2 88	3 85	4 81	5 77	6 73	7 69	9 62
106	1 88	2 83	3 77	4 72	5 66	6 60	7 55	9 44
108	1 85	2 78	3 70	4 63	5 56	6 48	7 41	9 26
110	1 82	2 73	3 64	4 55	5 45	6 36	7 27	9 10
115	1 74	2 61	3 48	4 35	5 22	6 09	6 96	8 69
120	1 67	2 50	3 33	4 17	5 00	5 83	6 67	8 33
125	1 60	2 40	3 20	4 00	4 80	5 60	6 40	8 00
130	1 54	2 31	3 08	3 85	4 62	5 38	6 15	7 70
135	1 48	2 22	2 96	3 70	4 44	5 19	5 93	7 40
140	1 43	2 14	2 86	3 57	4 29	5 00	5 71	7 14
145	1 38	2 07	2 76	3 45	4 14	4 83	5 52	6 90
150	1 33	2 00	2 67	3 33	4 00	4 67	5 33	6 66
155	1 29	1 94	2 58	3 23	3 87	4 52	5 16	6 46
160	1 25	1 87	2 50	3 12	3 75	4 37	5 00	6 25
165	1 21	1 82	2 42	3 03	3 64	4 24	4 85	6 06
170	1 18	1 76	2 35	2 94	3 53	4 12	4 71	5 88
175	1 14	1 71	2 29	2 86	3 43	4 00	4 57	5 72
180	1 11	1 67	2 22	2 78	3 33	3 89	4 44	5 55
185	1 08	1 62	2 16	2 70	3 24	3 78	4 32	5 40
190	1 05	1 58	2 11	2 63	3 16	3 68	4 21	5 26
195	1 03	1 54	2 05	2 56	3 08	3 59	4 10	5 12
200	1 00	1 50	2 00	2 50	3 00	3 50	4 00	5 00

BUSINESS LAW IN DAILY USE.

The following compilation of Business Law contains the essence of a large amount of legal verbiage:

A note by a minor is void.

It is a fraud to conceal a fraud.

A note made on Sunday is void.

Ignorance of the law excuses no one.

A contract made with a minor is void.

A contract made with a lunatic is void.

The acts of one partner bind all the rest.

Notes bear interest only when so stated.

An agreement without consideration is void.

A receipt for money is not always conclusive.

The law compels no one to do impossibilities.

Contracts made on Sunday cannot be enforced.

Signatures made with a lead pencil are good in law.

Principals are responsible for the acts of their agents.

No consideration is sufficient in law if it be illegal in its nature.

Checks or drafts must be presented for payment without unreasonable delay.

If the time of payment of a note is not inserted, it is held payable on demand.

A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

If the drawee of a check or draft has changed his residence, the holder must use due or reasonable diligence to find him.

A note indorsed in blank (the name of the indorser only written) is transferable by delivery, the same as if made payable to bearer.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of special partnership.

If a note is lost or stolen, it does not release the maker; he must pay it, if the consideration for which it was given and the amount can be proven.

Checks or drafts should be presented during business hours, but in this country, except in the case of banks, the time extends through the day and evening.

"Value received" is usually written in a note, and should be, but is not necessary. If not written it is presumed by the law, or may be supplied by proof.

If one who holds a check as payee or otherwise, transfers it to another, he has a right to insist that the check be presented that day, or, at farthest, on the day following.

The maker of an "accommodation" bill or note (one for which he has received no consideration, having lent his name or credit for the accommodation of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

VALUES OF FOREIGN COINS.

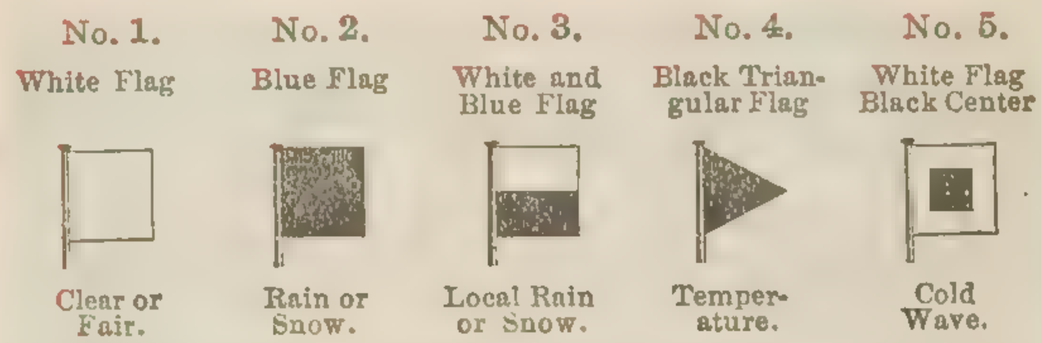
The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 27, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1918, expressed in any of such metallic currencies:

Country.	Standard.	Monetary Unit.	Value
			D. C. M
Argentine Rep.	Gold	Peso	0 96 5
Austria-Hungary	Gold	Crown	0 20 3
Belgium	Gold	Franc	0 19 3
Bolivia	Gold	Boliviano	0 38 9
Brazil	Gold	Milreis	0 54 6
Canada	Gold	Dollar	1 0 0
Costa Rica	Gold	Colon	0 46 5
Chili	Gold	Peso	0 36 5
China	Silver	Tael.. Shanghai..	1 0 6
		Tael.. Haikwan.. (Customs).	1 15 4
Colombia	Gold	Dollar	0 97 3
Denmark	Gold	Crown	0 26 8
Ecuador	Gold	Sucre	0 48 7
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland	Gold	Mark	0 19 3
France	Gold	Franc	0 19 3
German Empire	Gold	Mark	0 23 8
Great Britain	Gold	Pound sterling	4 86 6½
Greece	Gold	Drachma	0 19 3
Hayti	Gold	Gourde	0 25 0
India (British)	Gold	Rupee	0 32 4
Italy	Gold	Lira	0 19 3
Japan	Gold	Yen	0 49 8½
Liberia	Gold	Dollar	1 0 0
Mexico	Gold	Peso	0 49 8½
Netherlands	Gold	Florin	0 40 2
Newfoundland	Gold	Dollar	1 0 0
Norway	Gold	Crown	0 26 8
Panama	Gold	Balboa	1 0 0
Persia	Gold	Achrefi	0 9 5
Peru	Gold	Libra	4 86 6½
Philippine Islds	Gold	Peso	0 50 0
Portugal	Gold	Escudo	1 8 1
Russia	Gold	Ruble	0 51 5
Spain	Gold	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold	Franc	0 19 3
Turkey	Gold	Piaster	0 4 4
Uruguay	Gold	Peso	1 3 4
Venezuela	Gold	Bolivar	0 19 3

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU.

INTERPRETATION OF SIGNALS



No. 1, alone, indicates fair weather, stationary temperature.
No. 2, alone, indicates rain or snow, stationary temperature.
No. 3, alone, indicates local rain or snow, stationary temperature.
No. 1 with No. 4 above it, indicates fair weather, warmer.
No. 1 with No. 4 below it, indicates fair weather, colder.
No. 2 with No. 4 above it, indicates rain or snow, warmer.
No. 2 with No. 4 below it, indicates rain or snow, colder.
No. 3 with No. 4 above it, indicates local rain or snow, warmer.
No. 3 with No. 4 below it, indicates local rain or snow, colder.

DISPLAY EXAMPLES.

TO FIND THE LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time. Light face figures indicate A. M. time; heavy face P. M. time.

To change to Standard Time add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Standard Time Divisions as adopted by the Railroads.

Eastern Standard—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

Central Standard—90th Meridian. West from "Eastern" limits, as above, to Broadview, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

Mountain Standard—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

Pacific Standard—120th Meridian. West from "Mountain" limits to coast.

Correction for the following Cities.

Eastern Standard. 75° Longitude.

	Minutes.
Bangor, Me.	— 25
Augusta, Me.	— 21
Portland, Me.	— 19
Boston, Mass.	— 16
Newport, R. I.	— 15
Providence, R. I.	— 14
Concord, N. H.	— 14
New London, Conn.	— 11
Springfield, Mass.	— 10
Montpelier, Vt.	— 10
Hartford, Conn.	— 9
Montreal, Que.	— 6
Albany, N. Y.	— 5
New York, N. Y.	— 4
Utica, N. Y.	+ 1
Philadelphia, Pa.	+ 1
Syracuse, N. Y.	+ 5
Baltimore, Md.	+ 6
Washington, D. C.	+ 8
Rochester, N. Y.	+ 11
Buffalo, N. Y.	+ 16
Pittsburg, Pa.	+ 26

Central Standard. 90° Longitude.

	Minutes.
Cleveland, Ohio	— 33
Columbus, Ohio	— 28
Detroit, Mich.	— 28
Toledo, Ohio	— 26
Dayton, Ohio	— 23
Cincinnati, Ohio	— 22
Louisville, Ky.	— 18
Indianapolis, Ind.	— 16
Chicago, Ill.	— 10
Milwaukee, Wis.	— 8
Springfield, Ill.	— 2
Memphis, Tenn.	0
New Orleans, La.	0
St. Louis, Mo.	+ 1
Rock Island, Ill.	+ 3
Dubuque, Iowa	+ 3
Burlington, Iowa	+ 5
St. Paul, Minn.	+ 12
Des Moines, Iowa	+ 14
Kansas City, Mo.	+ 18
Galveston, Texas	+ 19
Omaha, Neb.	+ 24

Mountain Standard. 105° Longitude.

Denver, Col.	0
Salt Lake City, Utah	+ 28

Pacific Standard. 120° Longitude.

Sacramento, Cal.	+ 6
San Francisco, Cal.	+ 10

TIDE TABLE

To Find High Water (Standard Time) Add to, or Subtract from, High Water at New York.

(Computed by the U. S. Coast Survey.)

EASTERN STANDARD.		H.	M.	Mean Range. Feet.
Eastport, Me.	add	2	37	18.2
Bar Harbor, Me.	"	2	31	10.5
Rockland, Me.	"	2	44	9.7
Portland, Me.	"	2	52	8.9
Portsmouth, N. H.	"	3	13	7.8
Isle of Shoals, N. H.	"	3	1	8.7
Newburyport, Mass.	"	3	23	7.8
Rockport, Mass.	"	2	55	8.8
Gloucester, Mass.	"	2	57	8.9
Salem, Mass.	"	3	0	9.0
Marblehead, Mass.	"	2	52	9.2
Nahant, Mass.	"	2	59	9.1
Hull, Mass.	"	3	2	9.0
Plymouth, Mass.	"	3	4	9.6
Provincetown, Mass.	"	3	3	9.2
Nantucket, Mass.	"	4	4	3.1
Vineyard Haven, Mass.	"	3	25	1.7
Wood's Hole, North Side, Mass.	sub.	0	18	3.9
Wood's Hole, South Side, Mass.	add	0	9	1.8
New Bedford Entrance (Dumpling Rock), Mass.	sub.	0	26	3.7
Newport, R. I.	"	0	31	3.5
Bristol, R. I.	"	0	13	4.1
Providence, R. I.	"	0	2	4.6
Point Judith, R. I.	"	0	29	3.1
New Shoreham, Block Island, R. I.	"	0	41	3.0
New London, Conn.	add	1	14	2.5
Norwich, Conn.	"	1	55	3.1
New Haven, Conn.	"	3	0	6.0
Montauk Point, L. I.	"	0	7	2.0
Coney Island, L. I.	sub.	0	29	4.7
West Point, N. Y.	add	3	2	2.8
Long Branch, N. J.	sub.	0	43	4.3
Cape May City, N. J.	"	0	10	4.6
League Island, Pa.	add	5	26	5.4
Philadelphia, Pa.	"	5	56	5.3
Annapolis, Md.	sub.	3	12	0.9
Baltimore, Md.	"	1	20	1.2
Richmond, Va.	"	3	32	3.7
Hatteras Inlet, N. C.	"	0	47	2.0
Charleston (C. H. Wharf), S. C.	"	0	15	5.2
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga.	sub.	1	18	6.9
Savannah (Dry Dock Wharf), Ga.	"	0	23	6.5
Jacksonville, Fla.	add	0	19	1.0
St. Augustine, Fla.	sub.	0	14	4.2
Key West, Fla.	add	0	47	1.2
Tampa Bay (Egmont Key), Fla.	"	3	3	1.4
Cedar Keys (Depot Key), Fla.	"	4	39	2.4

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Feb. 16
Quinquagesima—Shrove Sunday	Mar. 2
Ash Wednesday	Mar. 5
First Sunday in Lent	Mar. 9
St. Patrick	Mar. 17
Palm Sunday	April 13
Good Friday	April 18
Easter Sunday	April 20
Low Sunday	April 27
Rogation Sunday	May 25
Ascension Day—Holy Thursday	May 29
Pentecost—Whit Sunday	June 8
Trinity Sunday	June 15
Corpus Christi	June 19
St. John Baptist	June 24
Michaelmas Day	Sept. 29
First Sunday in Advent	Nov. 30
St. Andrew	Nov. 30
Christmas Day	Dec. 25

CHRONOLOGICAL CYCLES.

Dominical Letter	E
Epact	29
Lunar Cycle, or Golden Number	1
Solar Cycle	24
Roman Indiction	2
Julian Period	6632

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox	Mar. 21, 11h. M.	Mar. 21, 10h. M.
Summer Solstice	June 22, 6h. M.	June 22, 5h. M.
Autumnal Equinox	Sept. 23, 9h. A.	Sept. 23, 8h. A.
Winter Solstice	Dec. 22, 4h. A.	Dec. 22, 3h. A.
	Mountain Standard.	**Pacific Standard.**
Vernal Equinox	Mar. 21, 9h. M.	Mar. 21, 8h. M.
Summer Solstice	June 22, 4h. M.	June 22, 3h. M.
Autumnal Equinox	Sept. 23, 7h. A.	Sept. 23, 6h. A.
Winter Solstice	Dec. 22, 2h. A.	Dec. 22, 1h. A.

MORNING STARS.

MERCURY.—About January 7, May 6, September 1 and December 21.
VENUS.—September 12 to the end of the year.
MARS.—May 9 to the end of the year.
JUPITER.—July 20 to the end of the year.
SATURN.—Until February 14; August 25 to the end of the year.

EVENING STARS.

MERCURY.—About March 21, July 18 and November 12.
VENUS.—Until September 12.
MARS.—Until May 9.
JUPITER.—Until July 20.
SATURN.—February 14 to August 25.

ECLIPSES FOR THE YEAR.

In the year 1919 there will be three Eclipses, two of the Sun and one of the Moon.

I. A TOTAL ECLIPSE OF THE SUN, May 29. Invisible to the United States. Visible to South America and Africa.

II. A PARTIAL ECLIPSE OF THE MOON, November 7. Visible to Europe and Africa. The beginning visible generally in the eastern part of North America, South America except the extreme western part, and Asia except the eastern portion; the ending visible generally in North America except the extreme western part, South America, and western Asia. Occurring as follows:

Standard	Eastern	Central	Mountain	Pacific
	h. m.	h. m.	h. m.	h. m.
Moon enters penumbra	4 34 A.	Invisible	Invisible	Invisible
Moon enters shadow	5 58 A.	4 58 A.	"	"
Middle of eclipse	6 44 A.	5 44 A.	4 44 A.	"
Moon leaves shadow	7 30 A.	6 30 A.	5 30 A.	"
Moon leaves penumbra	8 55 A.	7 55 A.	6 55 A.	5 55 A.

First contact of shadow, 37 degrees from the south point of the Moon's limb toward the east.

Magnitude of eclipse, 0.184 (Moon's diameter, 1.0).

III. AN ANNULAR ECLIPSE OF THE SUN, November 22. Visible to North America except the northwestern part, the northern half of South America, southwest Europe, and the northwestern part of Africa. Occurring as follows:

	Standard	Begins	Ends
		h. m.	h. m.
Boston	Eastern	7 50 M.	10 28 M.
New York	"	7 42 M.	10 25 M.
Philadelphia	"	7 39 M.	10 24 M.
Pittsburg	"	7 35 M.	10 16 M.
Washington	"	7 35 M.	10 21 M.
Charleston	"	7 23 M.	10 20 M.
Cincinnati	Central	Just before sunrise	9 10 M.
Chicago	"	Before sunrise	9 6 M.
St. Paul	"	" "	9 1 M.
Omaha	"	" "	8 58 M.
St. Louis	"	" "	9 3 M.
New Orleans	"	" "	9 3 M.
Austin	"	" "	8 52 M.
Houston	"	" "	8 55 M.
Galveston	"	" "	8 56 M.
San Antonio	"	" "	8 50 M.
Bismarck	Mountain	Middle bef. sunrise	7 56 M.
Denver	"	" " "	7 50 M.
Salt Lake City	"	" " "	7 47 M.

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles Long
Mediterranean	2,000
Carribbean	1,800
Red	1,400
Black	932
Baltic	600

AREA OF OCEANS IN SQUARE MILES.

Pacific	70,000,000
Atlantic	35,000,000
Indian	23,000,000
Southern	7,000,000
Arctic	4,000,000

SIZE OF THE GREAT LAKES.

	Miles Long.	Miles Wide.
Superior	380	120
Michigan	330	60
Ontario	170	40
Champlain	123	12
Erie	270	50
Huron	250	90
Winnipeg	240	40
Athabaska	200	20

JANUARY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	2d. 3h. 24m. A.M.	2d. 2h. 24m. A.M.
First Quarter	9d. 5h. 55m. A.M.	9d. 4h. 55m. A.M.
Full Moon	16d. 3h. 44m. A.M.	16d. 2h. 44m. A.M.
Last Quarter	23d. 11h. 22m. P.M.	23d. 10h. 22m. P.M.
New Moon	31d. 6h. 7m. P.M.	31d. 5h. 7m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.& S.	Moon R.& S.	Stand. Time	Morning	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.
1	We.	r7 30	6 45	10 29		r7 24	6 40	7 12		r7 19	6 35
2	Th.	s4 38	sets	11 11		s4 43	sets	7 46		s4 49	sets
3	Fr.	r7 30	6 24	11 54		r7 25	6 28	8 20		r7 19	6 32
4	Sa.	s4 40	7 32	0 25		s4 45	7 35	8 57		s4 50	7 38
5	S	r7 30	8 42	1 7		r7 25	8 43	9 36		r7 19	8 46
6	Mo.	s4 42	9 52	1 51		s4 47	9 52	10 20		s4 52	9 53
7	Tu.	r7 30	11 2	2 39		r7 25	11 1	11 7		r7 19	11 1
8	We.	s4 44	morn	3 29		s4 49	morn	.....		s4 54	morn
9	Th.	r7 29	0 13	4 22		r7 24	0 11	0 54		r7 19	0 10
10	Fr.	s4 46	1 25	5 20		s4 51	1 22	2 5		s4 56	1 19
11	Sa.	r7 29	2 37	6 20		r7 24	2 33	3 17		r7 19	2 29
12	S	s4 48	3 47	7 21		s4 53	3 42	4 25		s4 58	3 37
13	Mo.	r7 28	4 52	8 22		r7 24	4 47	5 28		r7 18	4 41
14	Tu.	s4 50	5 49	9 21		s4 55	5 44	6 24		s5 0	5 39
15	We.	r7 27	rises	10 16		r7 23	rises	7 16		r7 18	rises
16	Th.	s4 52	5 36	11 7		s4 57	5 39	8 4		s5 2	5 44
17	Fr.	r7 27	6 44	11 55		r7 22	6 46	8 49		r7 17	6 50
18	Sa.	s4 55	7 49	0 27		s5 0	7 50	9 34		s5 5	7 53
19	S	r7 25	8 52	1 12		r7 21	8 52	10 16		r7 16	8 54
20	Mo.	s4 57	9 53	1 55		s5 2	9 52	10 56		s5 7	9 53
21	Tu.	r7 24	10 53	2 40		r7 20	10 51	11 37		r7 15	10 51
22	We.	s5 0	11 52	3 22		s5 4	11 49	0 18		s5 9	11 48
23	Th.	r7 23	morn	4 8		r7 19	morn	1 7		r7 14	morn
24	Fr.	s5 2	0 51	4 55		s5 7	0 48	2 0		s5 11	0 45
25	Sa.	r7 21	1 50	5 45		r7 17	1 46	2 56		r7 13	1 42
26	S	s5 5	2 47	6 40		s5 9	2 42	3 51		s5 13	2 37
27	Mo.	r7 20	3 42	7 32		r7 16	3 37	4 42		r7 12	3 31
28	Tu.	s5 7	4 34	8 23		s5 11	4 29	5 28		s5 16	4 23
29	We.	r7 18	5 22	9 13		r7 14	5 17	6 10		r7 10	5 12
30	Th.	s5 10	6 5	10 0		s5 14	6 1	6 49		s5 18	5 57
31	Fr.	r7 16	6 41	10 46		r7 12	6 38	7 26		r7 8	6 35

FEBRUARY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	7d. 1h. 52m. P.M.	7d. 0h. 52m. P.M.
Full Moon	14d. 6h. 38m. P.M.	14d. 5h. 38m. P.M.
Last Quarter.....	22d. 8h. 48m. P.M.	22d. 7h. 48m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		Boston Tide.		LATITUDE OF NEW YORK AND PHILADELPHIA. Local Mean Time		N. Y. Tide.		LAT. OF WASH. CIN. & ST. LOUIS Local Mean Time.	
D. of M.	Day of W'k.	Sun R. & S.	Moon R. & S.	Stand. Time.	Morning.	Sun R. & S.	Moon R. & S.	Stand. Time.	Morning.	Sun R. & S.	Moon R. & S.
1	Sa.	r7 15	6 27	11 30		r7 11	6 29	8 4		r7 8	6 32
2	☉	s5 14	7 39	.....		s5 18	7 40	8 43		s5 22	7 41
3	Mo.	r7 13	8 50	0 42		r7 10	8 49	9 21		r7 6	8 50
4	Tu.	s5 17	10 2	1 28		s5 20	10 0	10 5		s5 24	10 0
5	We.	r7 11	11 15	2 15		r7 8	11 12	10 50		r7 4	11 10
6	Th.	s5 19	morn	3 6		s5 23	morn	11 45		s5 26	morn
7	Fr.	r7 9	0 28	4 0		r7 6	0 24	0 31		r7 2	0 21
8	Sa.	s5 22	1 38	4 59		s5 25	1 33	1 45		s5 28	1 29
9	☉	r7 7	2 43	6 0		r7 3	2 38	3 2		r7 0	2 33
10	Mo.	s5 25	3 42	7 5		s5 28	3 37	4 13		s5 30	3 31
11	Tu.	r7 4	4 33	8 8		r7 1	4 28	5 17		r6 58	4 23
12	We.	s5 27	5 16	9 8		s5 30	5 12	6 12		s5 33	5 8
13	Th.	r7 1	5 53	10 4		r6 58	5 50	7 0		r6 56	5 47
14	Fr.	s5 30	rises	10 53		s5 32	rises	7 45		s5 35	rises
15	Sa.	r6 59	6 36	11 38		r6 56	6 37	8 26		r6 53	6 39
16	☉	s5 32	7 38	0 4		s5 35	7 38	9 5		s5 37	7 39
17	Mo.	r6 56	8 39	0 44		r6 53	8 38	9 42		r6 51	8 38
18	Tu.	s5 35	9 39	1 24		s5 37	9 37	10 16		s5 40	9 36
19	We.	r6 53	10 38	2 4		r6 51	10 35	10 48		r6 48	10 33
20	Th.	s5 37	11 37	2 45		s5 40	11 33	11 20		s5 42	11 30
21	Fr.	r6 50	morn	3 27		r6 48	morn	11 56		r6 46	morn
22	Sa.	s5 39	0 35	4 14		s5 42	0 30	0 36		s5 44	0 26
23	☉	r6 47	1 30	5 5		r6 45	1 25	1 33		r6 43	1 20
24	Mo.	s5 42	2 23	5 57		s5 45	2 18	2 44		s5 46	2 12
25	Tu.	r6 44	3 11	6 52		r6 42	3 6	3 50		r6 40	3 1
26	We.	s5 45	3 56	7 47		s5 47	3 51	4 45		s5 49	3 47
27	Th.	r6 41	4 36	8 39		r6 39	4 32	5 34		r6 37	4 29
28	Fr.	s5 47	5 11	9 30		s5 49	5 8	6 19		s5 51	5 6
..	....	.....	.....	.....		.....	.....	.....		.....	.....
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MARCH

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	2d. 6h. 11m. A.M.	2d. 5h. 11m. A.M.
First Quarter	8d. 10h. 14m. P.M.	8d. 9h. 14m. P.M.
Full Moon	16d. 10h. 41m. A.M.	16d. 9h. 41m. A.M.
Last Quarter.....	24d. 3h. 34m. P.M.	24d. 2h. 34m. P.M.
New Moon.....	31d. 4h. 5m. P.M.	31d. 3h. 5m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		Boston Tide.		LATITUDE OF NEW YORK AND PHILADELPHIA. Local Mean Time.		N. Y. Tide.		LAT. OF WASH. CIN. & ST. LOUIS Local Mean Time.	
D. of M.	Day of W'k.	Sun R. & S.	Moon R. & S.	Stand. Time.	Morning.	Sun R. & S.	Moon R. & S.	Stand. Time.	Morning.	Sun R. & S.	Moon R. & S.
1	Sa.	r6 38	5 43	10 19		r6 36	5 41	7 3		r6 35	5 40
2	☉	s5 50	sets	11 5		s5 51	sets	7 43		s5 53	sets
3	Mo.	r6 35	7 45	11 53		r6 33	7 44	8 26		r6 32	7 44
4	Tu.	s5 52	9 0	0 17		s5 53	8 58	9 10		s5 55	8 56
5	We.	r6 32	10 15	1 6		r6 30	10 12	9 55		r6 29	10 9
6	Th.	s5 54	11 27	1 53		s5 55	11 23	10 43		s5 57	11 19
7	Fr.	r6 28	morn	2 44		r6 27	morn	11 40		r6 26	morn
8	Sa.	s5 57	0 34	3 40		s5 58	0 29	0 18		s5 59	0 24
9	☉	r6 25	1 36	4 40		r6 24	1 31	1 31		r6 23	1 26
10	Mo.	s5 59	2 30	5 44		s6 0	2 25	2 49		s6 1	2 20
11	Tu.	r6 21	3 15	6 49		r6 21	3 11	4 1		r6 20	3 7
12	We.	s6 1	3 53	7 53		s6 2	3 49	5 3		s6 3	3 47
13	Th.	r6 18	4 26	8 54		r6 17	4 23	5 56		r6 17	4 22
14	Fr.	s6 4	4 55	9 47		s6 4	4 53	6 42		s6 5	4 53
15	Sa.	r6 15	5 22	10 34		r6 14	5 21	7 25		r6 14	5 22
16	☉	s6 6	rises	11 16		s6 6	rises	8 3		s6 7	rises
17	Mo.	r6 11	7 29	11 56		r6 11	7 27	8 39		r6 11	7 26
18	Tu.	s6 9	8 28	0 15		s6 8	8 25	9 12		s6 9	8 24
19	We.	r6 8	9 28	0 52		r6 8	9 24	9 42		r6 8	9 22
20	Th.	s6 11	10 26	1 29		s6 11	10 22	10 11		s6 11	10 18
21	Fr.	r6 4	11 21	2 9		r6 4	11 16	10 40		r6 4	11 11
22	Sa.	s6 13	morn	2 51		s6 13	morn	11 15		s6 13	morn
23	☉	r6 1	0 13	3 36		r6 1	0 8	11 59		r6 1	0 3
24	Mo.	s6 15	1 3	4 25		s6 15	0 58	0 24		s6 15	0 53
25	Tu.	r5 57	1 49	5 18		r5 58	1 44	1 26		r5 58	1 39
26	We.	s6 18	2 29	6 14		s6 17	2 25	2 40		s6 17	2 21
27	Th.	r5 54	3 5	7 10		r5 54	3 2	3 54		r5 55	2 59
28	Fr.	s6 20	3 39	8 5		s6 19	3 37	4 55		s6 19	3 35
29	Sa.	r5 50	4 11	8 59		r5 51	4 10	5 48		r5 52	4 10
30	☉	s6 22	4 42	9 51		s6 21	4 42	6 37		s6 20	4 43
31	Mo.	r5 47	5 13	10 41		r5 48	5 14	7 24		r5 49	5 16

APRIL

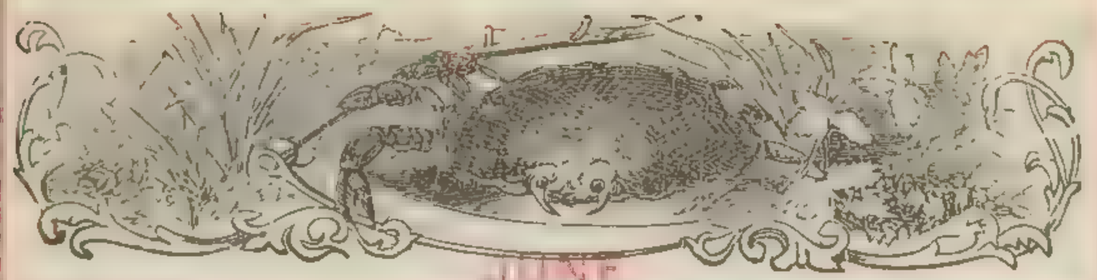
MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	7d. 7h. 39m. A.M.	7d. 6h. 39m. A.M.
Full Moon	15d. 3h. 25m. A.M.	15d. 2h. 25m. A.M.
Last Quarter	23d. 6h. 21m. A.M.	23d. 5h. 21m. A.M.
New Moon	30d. 0h. 30m. A.M.	29d. 11h. 30m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning.	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning.	Sun R.& S.	Moon R.& S.
1	Tu.	r5 45	7 51	11 32		r5 46	7 48	8 12		r5 47	7 46
2	We.	s6 25	9 8	.....		s6 24	9 4	8 58		s6 23	9 0
3	Th.	r5 41	10 20	0 42		r5 43	10 15	9 48		r5 44	10 10
4	Fr.	s6 27	11 26	1 32		s6 26	11 21	10 41		s6 25	11 16
5	Sa.	r5 38	morn	2 14		r5 39	morn	11 40		r5 40	morn
6	☉	s6 30	0 24	3 8		s6 28	0 19	0 7		s6 27	0 14
7	Mo.	r5 34	1 13	4 3		r5 36	1 8	1 17		r5 37	1 4
8	Tu.	s6 32	1 54	5 10		s6 31	1 50	2 30		s6 29	1 47
9	We.	r5 31	2 28	6 13		r5 33	2 25	3 40		r5 34	2 23
10	Th.	s6 34	2 58	7 15		s6 33	2 56	4 40		s6 31	2 55
11	Fr.	r5 28	3 25	8 13		r5 29	3 24	5 32		r5 31	3 24
12	Sa.	s6 37	3 51	9 5		s6 35	3 51	6 19		s6 33	3 52
13	☉	r5 24	4 16	9 52		r5 26	4 17	7 0		r5 28	4 19
14	Mo	s6 39	4 42	10 35		s6 37	4 44	7 38		s6 35	4 47
15	Tu.	r5 21	rises	11 17		r5 23	rises	8 13		r5 25	rises
16	We.	s6 41	8 17	11 55		s6 39	8 13	8 45		s6 37	8 10
17	Th.	r5 18	9 14	0 6		r5 20	9 9	9 15		r5 22	9 5
18	Fr.	s6 43	10 8	0 45		s6 41	10 3	9 42		s6 39	9 58
19	Sa.	r5 15	10 58	1 23		r5 17	10 53	10 12		r5 19	10 48
20	☉	s6 45	11 44	2 4		s6 43	11 39	10 47		s6 41	11 34
21	Mo.	r5 12	morn	2 46		r5 14	morn	11 31		r5 17	morn
22	Tu.	s6 48	0 25	3 31		s6 45	0 21	.....		s6 43	0 17
23	We.	r5 8	1 2	4 23		r5 11	0 58	0 41		r5 14	0 56
24	Th.	s6 50	1 36	5 20		s6 47	1 33	1 45		s6 45	1 32
25	Fr.	r5 5	2 7	6 19		r5 8	2 5	2 57		r5 11	2 5
26	Sa.	s6 52	2 37	7 22		s6 49	2 36	4 9		s6 47	2 37
27	☉	r5 2	3 8	8 26		r5 5	3 9	5 12		r5 9	3 10
28	Mo.	s6 54	3 41	9 25		s6 51	3 43	6 10		s6 48	3 45
29	Tu.	r5 0	sets	10 19		r5 3	sets	7 4		r5 6	sets
30	We.	s6 57	7 55	11 12		s6 53	7 51	7 56		s6 50	7 46

MAY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	6d. 6h. 34m. P.M.	6d. 5h. 34m. P.M.
Full Moon	14d. 8h. 1m. P.M.	14d. 7h. 1m. P.M.
Last Quarter	22d. 5h. 4m. P.M.	22d. 4h. 4m. P.M.
New Moon	29d. 8h. 12m. A.M.	29d. 7h. 12m. A.M.

1919		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning.	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning.	Sun R.& S.	Moon R.& S.
1	Th.	r4 57	9 7	.....		r5 0	9 2	8 48		r5 4	8 57
2	Fr.	s6 59	10 10	0 21		s6 55	10 5	9 42		s6 52	10 0
3	Sa.	r4 54	11 5	1 13		r4 58	11 0	10 37		r5 1	10 56
4	☉	s7 1	11 51	2 8		s6 58	11 47	11 37		s6 54	11 44
5	Mo.	r4 51	morn	3 3		r4 55	morn	.....		r4 59	morn
6	Tu.	s7 3	0 29	4 2		s7 0	0 26	0 58		s6 56	0 24
7	We.	r4 49	1 1	5 2		r4 53	0 59	2 4		r4 57	0 57
8	Th.	s7 6	1 29	6 3		s7 2	1 28	3 8		s6 58	1 27
9	Fr.	r4 46	1 55	7 3		r4 50	1 55	4 7		r4 55	1 55
10	Sa.	s7 8	2 20	7 59		s7 4	2 21	4 59		s7 0	2 22
11	☉	r4 44	2 46	8 52		r4 48	2 48	5 48		r4 53	2 50
12	Mo.	s7 10	3 14	9 39		s7 6	3 17	6 30		s7 1	3 20
13	Tu.	r4 42	3 43	10 22		r4 46	3 46	7 11		r4 51	3 51
14	We.	s7 12	rises	11 3		s7 8	rises	7 47		s7 3	rises
15	Th.	r4 40	8 3	11 42		r4 44	7 58	8 21		r4 49	7 53
16	Fr.	s7 14	8 55	.....		s7 10	8 50	8 53		s7 5	8 45
17	Sa.	r4 38	9 42	0 31		r4 42	9 37	9 23		r4 47	9 32
18	☉	s7 16	10 25	1 10		s7 12	10 20	9 55		s7 7	10 16
19	Mo.	r4 36	11 3	1 51		r4 40	10 59	10 30		r4 45	10 56
20	Tu.	s7 18	11 37	2 34		s7 13	11 34	11 11		s7 9	11 32
21	We.	r4 34	morn	3 20		r4 39	morn	.....		r4 43	morn
22	Th.	s7 20	0 8	4 11		s7 15	0 6	0 10		s7 10	0 5
23	Fr.	r4 32	0 38	5 7		r4 37	0 37	1 9		r4 42	0 37
24	Sa.	s7 22	1 8	6 5		s7 17	1 8	2 15		s7 12	1 9
25	☉	r4 30	1 38	7 4		r4 35	1 39	3 27		r4 40	1 41
26	Mo.	s7 24	2 11	8 3		s7 19	2 13	4 40		s7 14	2 17
27	Tu.	r4 29	2 49	9 1		r4 34	2 52	5 45		r4 39	2 57
28	We.	s7 26	3 32	9 57		s7 21	3 36	6 46		s7 15	3 42
29	Th.	r4 28	sets	10 52		r4 33	sets	7 45		r4 38	sets
30	Fr.	s7 27	8 51	11 46		s7 22	8 46	8 39		s7 17	8 41
31	Sa.	r4 27	9 42	0 2		r4 32	9 38	9 34		r4 37	9 34



JUNE

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	5d. 7h. 22m. A.M.	5d. 6h. 22m. A.M.
Full Moon	13d. 11h. 28m. A.M.	13d. 10h. 28m. A.M.
Last Quarter.....	21d. 0h. 33m. A.M.	20d. 11h. 33m. P.M.
New Moon.....	27d. 3h. 53m. P.M.	27d. 2h. 53m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.
1	✠	r4 26	10 24	0 57		r4 32	10 20	10 29		r4 37	10 18
2	Mo.	s7 30	10 59	1 50		s7 24	10 56	11 25		s7 19	10 55
3	Tu.	r4 25	11 30	2 43		r4 30	11 28	.....		r4 36	11 28
4	We.	s7 31	11 58	3 37		s7 26	11 57	0 33		s7 20	11 58
5	Th.	r4 24	morn	4 34		r4 30	morn	1 30		r4 35	morn
6	Fr.	s7 33	0 24	5 30		s7 27	0 24	2 27		s7 22	0 26
7	Sa.	r4 24	0 50	6 26		r4 29	0 51	3 25		r4 35	0 54
8	✠	s7 34	1 17	7 22		s7 28	1 19	4 20		s7 23	1 23
9	Mo.	r4 23	1 46	8 14		r4 29	1 49	5 10		r4 34	1 53
10	Tu.	s7 35	2 18	9 3		s7 30	2 22	5 57		s7 24	2 27
11	We.	r4 22	2 53	9 50		r4 28	2 57	6 40		r4 34	3 3
12	Th.	s7 36	3 33	10 32		s7 31	3 38	7 20		s7 25	3 44
13	Fr.	r4 22	rises	11 14		r4 28	rises	7 58		r4 34	rises
14	Sa.	s7 37	8 24	11 55		s7 32	8 19	8 32		s7 26	8 16
15	✠	r4 22	9 4	0 5		r4 28	9 0	9 5		r4 34	8 57
16	Mo.	s7 38	9 39	0 45		s7 32	9 36	9 38		s7 27	9 33
17	Tu.	r4 22	10 11	1 26		r4 28	10 9	10 14		r4 34	10 7
18	We.	s7 39	10 41	2 9		s7 33	10 40	10 56		s7 27	10 39
19	Th.	r4 22	11 11	2 56		r4 28	11 11	11 40		r4 34	11 11
20	Fr.	s7 39	11 40	3 45		s7 34	11 41	.....		s7 28	11 43
21	Sa.	r4 23	morn	4 40		r4 28	morn	0 42		r4 34	morn
22	✠	s7 40	0 10	5 39		s7 34	0 12	1 44		s7 28	0 15
23	Mo.	r4 23	0 44	6 39		r4 29	0 47	2 55		r4 35	0 51
24	Tu.	s7 40	1 24	7 40		s7 35	1 28	4 12		s7 29	1 33
25	We.	r4 24	2 12	8 40		r4 29	2 17	5 26		r4 35	2 22
26	Th.	s7 40	3 7	9 39		s7 35	3 12	6 32		s7 29	3 18
27	Fr.	r4 24	sets	10 36		r4 30	sets	7 31		r4 36	sets
28	Sa.	s7 40	8 17	11 30		s7 35	8 13	8 27		s7 29	8 10
29	✠	r4 25	8 56	.....		r4 31	8 53	9 20		r4 36	8 51
30	Mo.	s7 40	9 30	0 39		s7 35	9 28	10 13		s7 29	9 27
.....		.....	.....	.....		.....	.....	.....		.....	.....

JULY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	4d. 10h. 17m. P.M.	4d. 9h. 17m. P.M.
Full Moon	13d. 1h. 2m. A.M.	13d. 0h. 2m. A.M.
Last Quarter.....	20d. 6h. 3m. A.M.	20d. 5h. 3m. A.M.
New Moon.....	27d. 0h. 21m. A.M.	26d. 11h. 21m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.
1	Tu.	r4 26	9 59	1 29		r4 32	9 58	11 4		r4 37	9 58
2	We.	s7 40	10 26	2 19		s7 35	10 26	11 54		s7 29	10 27
3	Th.	r4 27	10 52	3 10		r4 33	10 53	0 2		r4 38	10 55
4	Fr.	s7 40	11 19	4 1		s7 34	11 21	0 51		s7 29	11 24
5	Sa.	r4 28	11 47	4 54		r4 34	11 50	1 44		r4 39	11 53
6	✠	s7 40	morn	5 47		s7 34	morn	2 38		s7 28	morn
7	Mo.	r4 29	0 17	6 41		r4 35	0 21	3 33		r4 40	0 25
8	Tu.	s7 39	0 51	7 34		s7 33	0 55	4 28		s7 28	1 1
9	We.	r4 30	1 31	8 26		r4 37	1 36	5 20		r4 42	1 42
10	Th.	s7 38	2 16	9 16		s7 33	2 21	6 5		s7 27	2 27
11	Fr.	r4 32	3 6	10 2		r4 38	3 11	6 48		r4 43	3 17
12	Sa.	s7 38	4 3	10 45		s7 32	4 8	7 30		s7 26	4 13
13	✠	r4 33	rises	11 27		r4 39	rises	8 8		r4 44	rises
14	Mo.	s7 37	8 14	.....		s7 31	8 11	8 43		s7 25	8 10
15	Tu.	r4 35	8 44	0 21		r4 40	8 42	9 19		r4 46	8 42
16	We.	s7 35	9 14	1 2		s7 30	9 13	9 56		s7 24	9 14
17	Th.	r4 36	9 44	1 47		r4 42	9 44	10 36		r4 47	9 46
18	Fr.	s7 34	10 14	2 32		s7 29	10 16	11 21		s7 23	10 18
19	Sa.	r4 38	10 46	3 23		r4 43	10 49	.....		r4 49	10 52
20	✠	s7 33	11 23	4 18		s7 27	11 27	0 22		s7 22	11 31
21	Mo.	r4 40	morn	5 17		r4 45	morn	1 23		r4 50	morn
22	Tu.	s7 31	0 6	6 19		s7 26	0 10	2 37		s7 21	0 16
23	We.	r4 42	0 56	7 23		r4 47	1 1	3 59		r4 52	1 7
24	Th.	s7 29	1 54	8 25		s7 24	1 59	5 14		s7 19	2 5
25	Fr.	r4 44	2 58	9 26		r4 48	3 3	6 19		r4 53	3 9
26	Sa.	s7 28	4 7	10 21		s7 22	4 11	7 17		s7 18	4 17
27	✠	r4 46	sets	11 14		r4 50	sets	8 11		r4 55	sets
28	Mo.	s7 26	7 58	.....		s7 21	7 56	9 1		s7 16	7 56
29	Tu.	r4 48	8 27	0 20		r4 52	8 26	9 48		r4 57	8 27
30	We.	s7 24	8 54	1 7		s7 19	8 54	10 33		s7 14	8 56
31	Th.	r4 50	9 21	1 51		r4 54	9 22	11 18		r4 59	9 25

AUGUST

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	3d. 3h. 11m. P.M.	3d. 2h. 11m. P.M.
Full Moon	11d. 0h. 39m. P.M.	11d. 11h. 39m. A.M.
Last Quarter.....	18d. 10h. 56m. A.M.	18d. 9h. 56m. A.M.
New Moon.....	25d. 10h. 37m. A.M.	25d. 9h. 37m. A.M.

1919		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.
1	Fr.	r4 51	9 49	2 40		r4 55	9 51	.....		r5 0	9 55
2	Sa.	s7 20	10 18	3 27		s7 16	10 21	0 12		s7 11	10 25
3	✠	r4 53	10 51	4 15		r4 57	10 55	0 57		r5 1	11 0
4	Mo.	s7 17	11 28	5 8		s7 14	11 33	1 47		s7 9	11 38
5	Tu.	r4 55	morn	6 1		r4 59	morn	2 43		r5 3	morn
6	We.	s7 15	0 10	6 55		s7 11	0 15	3 44		s7 7	0 21
7	Th.	r4 57	0 58	7 49		r5 1	1 3	4 41		r5 5	1 9
8	Fr.	s7 12	1 51	8 40		s7 9	1 56	5 32		s7 5	2 2
9	Sa.	r4 59	2 50	9 28		r5 3	2 54	6 18		r5 6	3 0
10	✠	s7 10	3 52	10 13		s7 6	3 56	6 59		s7 2	4 0
11	Mo.	r5 1	rises	10 57		r5 5	rises	7 40		r5 8	rises
12	Tu.	s7 7	7 17	11 39		s7 4	7 16	8 16		s7 0	7 16
13	We.	r5 3	7 47	.....		r5 6	7 47	8 53		r5 10	7 48
14	Th.	s7 4	8 17	0 39		s7 1	8 18	9 34		s6 58	8 20
15	Fr.	r5 5	8 49	1 24		r5 8	8 51	10 15		r5 12	8 54
16	Sa.	s7 1	9 25	2 12		s6 58	9 28	11 2		s6 55	9 32
17	✠	r5 7	10 6	3 4		r5 10	10 10	11 54		r5 14	10 15
18	Mo.	s6 58	10 53	4 0		s6 55	10 58	0 12		s6 52	11 3
19	Tu.	r5 9	11 48	5 0		r5 12	11 53	1 18		r5 16	11 59
20	We.	s6 55	morn	6 4		s6 53	morn	2 39		s6 50	morn
21	Th.	r5 12	0 49	7 8		r5 14	0 54	3 58		r5 17	1 0
22	Fr.	s6 52	1 54	8 12		s6 50	1 58	5 7		s6 47	2 4
23	Sa.	r5 14	3 2	9 11		r5 16	3 6	6 7		r5 19	3 10
24	✠	s6 49	4 10	10 6		s6 47	4 13	7 0		s6 44	4 16
25	Mo.	r5 16	sets	10 55		r5 18	sets	7 51		r5 21	sets
26	Tu.	s6 46	6 55	11 40		s6 44	6 55	8 34		s6 41	6 56
27	We.	r5 18	7 22	0 0		r5 20	7 23	9 17		r5 23	7 25
28	Th.	s6 43	7 50	0 43		s6 41	7 52	9 58		s6 39	7 55
29	Fr.	r5 20	8 19	1 25		r5 22	8 22	10 37		r5 25	8 26
30	Sa.	s6 40	8 51	2 9		s6 37	8 55	11 15		s6 35	8 59
31	✠	r5 22	9 26	2 53		r5 24	9 30	11 55		r5 26	9 35

SEPTEMBER

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	2d. 9h. 22m. A.M.	2d. 8h. 22m. A.M.
Full Moon	9d. 10h. 54m. P.M.	9d. 9h. 54m. P.M.
Last Quarter.....	16d. 4h. 32m. P.M.	16d. 3h. 32m. P.M.
New Moon.....	23d. 11h. 34m. P.M.	23d. 10h. 34m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.	Stand. Time.	Morning	Sun R.& S.	Moon R.& S.
1	Mo.	r5 23	10 6	3 39		r5 25	10 11	0 12		r5 27	10 16
2	Tu.	s6 34	10 51	4 29		s6 32	10 56	0 58		s6 31	11 2
3	We.	r5 25	11 41	5 21		r5 27	11 46	1 55		r5 29	11 52
4	Th.	s6 31	morn	6 16		s6 29	morn	3 0		s6 27	morn
5	Fr.	r5 27	0 37	7 11		r5 29	0 42	4 0		r5 31	0 47
6	Sa.	s6 28	1 38	8 3		s6 27	1 42	4 53		s6 24	1 47
7	✠	r5 29	2 41	8 53		r5 31	2 44	5 40		r5 33	2 48
8	Mo.	s6 24	3 47	9 40		s6 23	3 49	6 24		s6 21	3 52
9	Tu.	r5 32	4 56	10 25		r5 33	4 57	7 5		r5 34	4 59
10	We.	s6 21	rises	11 9		s6 19	rises	7 45		s6 18	rises
11	Th.	r5 34	6 51	11 53		r5 35	6 53	8 26		r5 36	6 56
12	Fr.	s6 17	7 26	0 17		s6 16	7 29	9 10		s6 15	7 33
13	Sa.	r5 36	8 6	1 4		r5 37	8 10	9 56		r5 38	8 15
14	✠	s6 14	8 52	1 54		s6 13	8 56	10 46		s6 12	9 2
15	Mo.	r5 38	9 45	2 46		r5 39	9 50	11 44		r5 40	9 56
16	Tu.	s6 10	10 44	3 43		s6 9	10 49	0 14		s6 9	10 55
17	We.	r5 40	11 47	4 45		r5 41	11 51	1 28		r5 42	11 57
18	Th.	s6 7	morn	5 49		s6 6	morn	2 44		s6 6	morn
19	Fr.	r5 42	0 53	6 55		r5 43	0 57	3 56		r5 43	1 2
20	Sa.	s6 3	2 0	7 59		s6 3	2 3	4 57		s6 2	2 7
21	✠	r5 44	3 6	8 57		r5 45	3 8	5 51		r5 45	3 11
22	Mo.	s6 0	4 10	9 48		s5 59	4 11	6 39		s5 59	4 13
23	Tu.	r5 47	5 14	10 34		r5 47	5 14	7 23		r5 47	5 15
24	We.	s5 56	sets	11 16		s5 56	sets	8 4		s5 56	sets
25	Th.	r5 49	6 20	11 55		r5 49	6 22	8 42		r5 49	6 26
26	Fr.	s5 52	6 51	0 18		s5 53	6 54	9 19		s5 53	6 59
27	Sa.	r5 51	7 25	0 59		r5 51	7 29	9 53		r5 51	7 34
28	✠	s5 49	8 3	1 40		s5 49	8 8	10 26		s5 49	8 13
29	Mo.	r5 53	8 46	2 22		r5 53	8 51	11 0		r5 52	8 57
30	Tu.	s5 45	9 34	3 6		s5 46	9 39	11 41		s5 46	9 45

OCTOBER

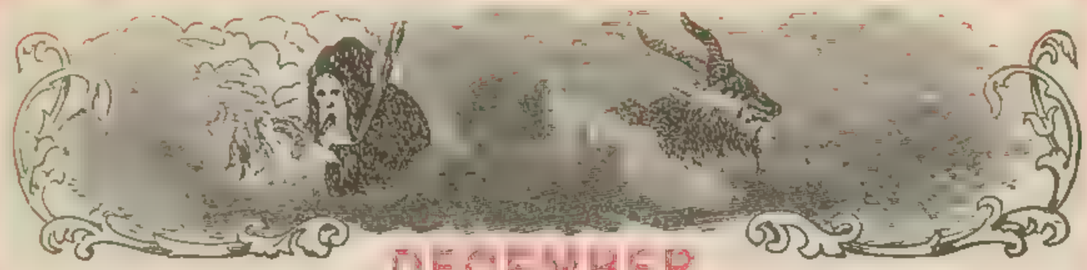
MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	2d. 3h. 37m. A.M.	2d. 2h. 37m. A.M.
Full Moon	9d. 8h. 39m. A.M.	9d. 7h. 39m. A.M.
Last Quarter.....	16d. 0h. 5m. A.M.	15d. 11h. 5m .P.M.
New Moon.....	23d. 3h. 39m. P.M.	23d. 2h. 39m. P.M.
First Quarter	31d. 8h. 43m. P.M.	31d. 7h. 43m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		Boston Tide.		LATITUDE OF NEW YORK AND PHILADELPHIA. Local Mean Time.		N. Y. Tide.		LAT. OF WASH. CIN. & ST. LOUIS Local Mean Time.	
D. of M.	Day of W'k.	Sun R. & S.	Moon R. & S.	Stand. Time.	Morning.	Sun R. & S.	Moon R. & S.	Stand. Time.	Morning.	Sun R. & S.	Moon R. & S.
1	We.	r5 55	10 26	3 54		r5 55	10 31	0 14		r5 54	10 36
2	Th.	s5 42	11 23	4 45		s5 42	11 27	1 10		s5 44	11 32
3	Fr.	r5 57	morn	5 38		r5 57	morn	2 16		r5 56	morn
4	Sa.	s5 38	0 24	6 32		s5 39	0 27	3 18		s5 40	0 32
5	☉	r6 0	1 28	7 26		r5 59	1 31	4 13		r5 58	1 34
6	Mo.	s5 35	2 35	8 17		s5 36	2 37	5 2		s5 37	2 39
7	Tu.	r6 2	3 44	9 6		r6 1	3 44	5 47		r6 0	3 46
8	We.	s5 32	4 55	9 53		s5 33	4 54	6 32		s5 34	4 55
9	Th.	r6 4	rises	10 39		r6 3	rises	7 17		r6 2	rises
10	Fr.	s5 28	6 1	11 26		s5 29	6 4	8 2		s5 31	6 9
11	Sa.	r6 6	6 46	.....		r6 5	6 50	8 49		r6 4	6 55
12	☉	s5 25	7 37	0 45		s5 26	7 42	9 40		s5 28	7 47
13	Mo.	r6 9	8 36	1 35		r6 7	8 41	10 35		r6 6	8 47
14	Tu.	s5 22	9 40	2 30		s5 23	9 45	11 36		s5 25	9 50
15	We.	r6 11	10 46	3 28		r6 10	10 50	0 19		r6 8	10 55
16	Th.	s5 18	11 52	4 29		s5 20	11 55	1 31		s5 22	11 59
17	Fr.	r6 13	morn	5 34		r6 12	morn	2 41		r6 10	morn
18	Sa.	s5 15	0 58	6 38		s5 17	1 0	3 45		s5 19	1 3
19	☉	r6 16	2 3	7 39		r6 14	2 4	4 41		r6 12	2 6
20	Mo.	s5 12	3 6	8 35		s5 14	3 6	5 30		s5 16	3 7
21	Tu.	r6 18	4 7	9 24		r6 16	4 6	6 15		r6 14	4 6
22	We.	s5 9	5 8	10 9		s5 11	5 6	6 56		s5 14	5 6
23	Th.	r6 21	sets	10 48		r6 18	sets	7 33		r6 16	sets
24	Fr.	s5 6	5 26	11 26		s5 9	5 30	8 9		s5 11	5 34
25	Sa.	r6 23	6 1	.....		r6 20	6 5	8 42		r6 18	6 10
26	☉	s5 3	6 43	0 33		s5 6	6 48	9 13		s5 8	6 53
27	Mo.	r6 25	7 29	1 12		r6 23	7 34	9 44		r6 20	7 40
28	Tu.	s5 0	8 19	1 53		s5 4	8 24	10 17		s5 6	8 29
29	We.	r6 28	9 13	2 35		r6 25	9 17	10 56		r6 22	9 22
30	Th.	s4 58	10 11	3 21		s5 0	10 15	11 41		s5 4	10 19
31	Fr.	r6 30	11 12	4 9		r6 27	11 15	0 27		r6 25	11 19

NOVEMBER

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Full Moon	7d. 6h. 35m. P.M.	7d. 5h. 35m. P.M.
Last Quarter.....	14d. 10h. 40m. A.M.	14d. 9h. 40m. A.M.
New Moon.....	22d. 10h. 20m. A.M.	22d. 9h. 20m. A.M.
First Quarter	30d. 11h. 47m. A.M.	30d. 10h. 47m. A.M.

1919		LATITUDE OF BOSTON AND CHICAGO. Local Mean Time.		Boston Tide.		LATITUDE OF NEW YORK AND PHILADELPHIA. Local Mean Time.		N. Y. Tide.		LAT. OF WASH. CIN. & ST. LOUIS Local Mean Time.	
D. of M.	Day of W'k.	Sun R. & S.	Moon R. & S.	Stand. Time.	Morning.	Sun R. & S.	Moon R. & S.	Stand. Time.	Morning.	Sun R. & S.	Moon R. & S.
1	Sa.	r6 32	morn	5 1		r6 28	morn	1 29		r6 26	morn
2	☉	s4 54	0 15	5 55		s4 57	0 17	2 31		s5 0	0 20
3	Mo.	r6 34	1 21	6 49		r6 31	1 22	3 30		r6 28	1 24
4	Tu.	s4 51	2 30	7 41		s4 55	2 30	4 23		s4 58	2 31
5	We.	r6 36	3 41	8 32		r6 33	3 40	5 14		r6 30	3 39
6	Th.	s4 49	4 54	9 20		s4 52	4 52	6 4		s4 56	4 50
7	Fr.	r6 40	6 10	10 12		r6 36	6 7	6 53		r6 32	6 4
8	Sa.	s4 47	rises	11 2		s4 50	rises	7 43		s4 54	rises
9	☉	r6 42	6 20	11 53		r6 38	6 25	8 34		r6 35	6 31
10	Mo.	s4 44	7 25	0 28		s4 48	7 30	9 29		s4 52	7 35
11	Tu.	r6 44	8 33	1 20		r6 41	8 37	10 25		r6 37	8 42
12	We.	s4 42	9 42	2 16		s4 46	9 45	11 26		s4 50	9 50
13	Th.	r6 46	10 50	3 12		r6 43	10 53	0 14		r6 39	10 56
14	Fr.	s4 40	11 55	4 11		s4 44	11 57	1 20		s4 48	11 59
15	Sa.	r6 49	morn	5 12		r6 45	morn	2 25		r6 41	morn
16	☉	s4 39	0 59	6 14		s4 43	1 0	3 25		s4 47	1 1
17	Mo.	r6 52	2 1	7 12		r6 48	2 1	4 18		r6 43	2 1
18	Tu.	s4 37	3 2	8 6		s4 41	3 1	5 6		s4 45	3 0
19	We.	r6 54	4 1	8 55		r6 50	3 59	5 49		r6 46	3 57
20	Th.	s4 35	5 0	9 38		s4 40	4 57	6 28		s4 44	4 55
21	Fr.	r6 56	5 59	10 19		r6 52	5 55	7 5		r6 48	5 52
22	Sa.	s4 34	sets	10 58		s4 38	sets	7 40		s4 43	sets
23	☉	r6 59	5 25	11 37		r6 55	5 30	8 12		r6 50	5 36
24	Mo.	s4 33	6 15	0 7		s4 37	6 20	8 42		s4 42	6 26
25	Tu.	r7 1	7 8	0 47		r6 57	7 12	9 13		r6 52	7 18
26	We.	s4 31	8 4	1 26		s4 37	8 8	9 44		s4 41	8 13
27	Th.	r7 4	9 3	2 9		r6 59	9 7	10 21		r6 54	9 10
28	Fr.	s4 31	10 4	2 52		s4 36	10 6	11 3		s4 40	10 10
29	Sa.	r7 6	11 7	3 38		r7 1	11 8	11 52		r6 56	11 11
30	☉	s4 30	morn	4 26		s4 35	morn	0 45		s4 39	morn
..	.....	.....	.....	.....		.....	.....	.....		.....	.....



DECEMBER

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
FULL MOON	7d. 5h. 3m. A.M.	7d. 4h. 3m. A.M.
LAST QUARTER.....	14d. 1h. 2m. A.M.	14d. 0h. 2m. A.M.
NEW MOON.....	22d. 5h. 55m. A.M.	22d. 4h. 55m. A.M.
FIRST QUARTER	30d. 0h. 25m. A.M.	29d. 11h. 25m. P.M.

1919		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	SUN R.& S.	MOON R.& S.	Stand. Time.	Morning	SUN R.& S.	MOON R.& S.	Stand. Time.	Morning	SUN R.& S.	MOON R.& S.
1	MO.	r7 8	0 12	5 18		r7 3	0 12	1 45		r6 58	0 14
2	TU.	s4 29	1 19	6 12		s4 34	1 18	2 47		s4 39	1 19
3	WE.	r7 10	2 28	7 7		r7 5	2 26	3 49		r6 59	2 25
4	TH.	s4 28	3 41	8 1		s4 33	3 38	4 45		s4 38	3 36
5	FR.	r7 13	4 56	8 55		r7 7	4 52	5 41		r7 1	4 49
6	SA.	s4 28	6 9	9 50		s4 33	6 4	6 36		s4 38	6 0
7	☉	r7 15	rises	10 43		r7 9	rises	7 30		r7 3	rises
8	MO.	s4 28	6 9	11 35		s4 33	6 14	8 23		s4 38	6 19
9	TU.	r7 17	7 21	0 11		r7 11	7 25	9 18		r7 5	7 30
10	WE.	s4 28	8 32	1 4		s4 33	8 35	10 13		s4 38	8 39
11	TH.	r7 18	9 42	1 57		r7 13	9 44	11 10		r7 7	9 47
12	FR.	s4 28	10 49	2 51		s4 33	10 50	.....		s4 38	10 52
13	SA.	r7 20	11 53	3 47		r7 15	11 53	0 55		r7 8	11 54
14	☉	s4 28	morn	4 43		s4 33	morn	1 57		s4 39	morn
15	MO.	r7 22	0 54	5 40		r7 16	0 53	2 54		r7 10	0 53
16	TU.	s4 29	1 54	6 36		s4 34	1 52	3 48		s4 39	1 51
17	WE.	r7 23	2 53	7 29		r7 18	2 50	4 36		r7 11	2 48
18	TH.	s4 29	3 51	8 18		s4 34	3 47	5 22		s4 40	3 45
19	FR.	r7 25	4 48	9 5		r7 19	4 44	6 2		r7 13	4 40
20	SA.	s4 30	5 43	9 49		s4 35	5 38	6 40		s4 41	5 34
21	☉	r7 26	6 33	10 31		r7 20	6 28	7 16		r7 15	6 23
22	MO.	s4 31	sets	11 12		s4 36	sets	7 49		s4 42	sets
23	TU.	r7 27	5 58	11 51		r7 21	6 2	8 20		r7 16	6 7
24	WE.	s4 32	6 57	0 22		s4 37	7 0	8 50		s4 43	7 5
25	TH.	r7 27	7 57	1 1		r7 22	8 0	9 20		r7 17	8 3
26	FR.	s4 33	8 59	1 41		s4 38	9 1	9 54		s4 44	9 3
27	SA.	r7 28	10 3	2 23		r7 23	10 4	10 34		r7 17	10 5
28	☉	s4 34	11 8	3 6		s4 40	11 8	11 20		s4 45	11 8
29	MO.	r7 29	morn	3 53		r7 24	morn	0 5		r7 18	morn
30	TU.	s4 36	0 14	4 44		s4 41	0 13	1 3		s4 46	0 12
31	WE.	r7 29	1 22	5 38		r7 24	2 7	1 20		r7 19	1 18

Cambridge

2 Ther Wednesday, Jan. 1, 1919 Wea Stormy

Dark cloudy & intensely chilly with incessant fine rain freezing to literally everything it struck, loading every branch & twig with hard, clear ice at least 1/4 inch in thickness and coating city streets & sidewalks with an equally thick & constantly wetted frozen surface exceedingly difficult & dangerous to either walk or motor over.

Because of these depressing conditions most people remained in doors.

Not so C., however. She motored from Ware Hall to lunch with E. R. S. & me, arriving at noon & departing at 3.30. We played the Victrola for an hour or more while she was here.

Roland Thaxter came at 4.30 bringing some of his King apples which are unlike any we grow at Concord & altogether seem to me. He remained for about an hour.

No bird of any kind seen or heard.

Usual evening reading by E. R. S. to me. We are still in "David Copperfield."

Cambridge.

Ther Thursday, Jan. 2, 1919 Wea Stormy

The cold rain of yesterday became a warmer one over night removing every vestige of snow & ice before daybreak. It continued throughout to-day which, because of dense, low-hanging clouds & mists, was most dreary & depressing.

Spent forenoon at Mus. Comp. Zool., motoring down and walking back. After seeing Hershaw in his room climbed the stairs to Bird Room where Bangs showed me many rare or beautiful skins from all parts of the world. He has had quite of the Seafaring types made over into serviceable & by no means ill-looking skins & has put the general collection into fine order.

On getting back to our house found C. there again for luncheon & spent Victrola music after it. Gilbert motored her to Hare Hall at 3.30. No birds noticeable save 4 Gulls flying high toward Fresh Pond.

Cambridge.

Ther Friday, Jan. 3, 1919 Wea Stormy

Still another day of low-hanging, sullen clouds and almost incessant sleety rain which, freezing as it strikes, zero-cooled everything with opaque, pebbly ice quite unlike the smooth-skinned ice of day before yesterday & much less treacherous to walk on. Through it the grass shows brighter green all over our lawns.

Garden birds: 2 Chickadees in lilacs, 3 Starlings eating Parkman apples, 3 Crows perched in Jungle.

Spent entire day in Museum, writing letters & checks for bills. E. R. S. has gone to her Bu this evening.

The Plymouth Rock pullets brought from Concord laid their first eggs, 2 in number, to-day thereby delighting Percy.

Cambridge

Ther 26° Saturday, Jan. 4, 1919 Wea Fine

Clear, calm frosty but not chilly. The rain of yesterday turned overnight to snow which now covers everything with a robe of spotless white to no more than the depth of an inch or two, however. The newspapers predicted an intensely cold rower, closely following the storm but it has not materialized as yet.

Garden birds: 2 Chickadees coming to suet by my study window; 7 Starlings eating Parkman apples; 3 Pine Grosbeaks perched in top of tall tree in jungle, calling; Hairy Woodpecker, heard.

Spent day in Museum engaged in routine work mostly routing letters & charges for bills. Even this has come to be almost beyond my power, because of incessant giddiness & eye strain. Harry Spelman brought down his small daughter to see the birds in mid P.M.

Cambridge

Ther 20° Sunday, Jan. 5, 1919 Wea Fine

Clear, calm & frosty, a brilliant mid-winter day. Excellent sleighing with a good many horses - drawing sleds out to take advantage of it.

Garden birds. 8 Starlings in Parkman apple tree, 10 House Sparrows in clothes yard.

Spent entire day in house & Museum: routing a little & napping a good deal.
Dr. Stevens called in late P.M. staying nearly an hour or more. He attributes my present weak & mortifyingly ineffective state of mind & body chiefly to nervous strain. This, he says, may best be counteracted by complete rest & careful attention to diet - etc.
Miss Allyn dined with E.R.S. & me at 6.30 & departed at 3.30 P.M.

Cambridge

Ther 18°, 10° — Monday, Jan. 6, 1919 — Wea

Theodore Roosevelt's death. 7 a.m.

Early morning cloudy. Remainder of day sunny and windless with falling temperature

Garden birds. 2 Chickadees at suet; 10 Starlings eating Parkman apples; 2 ♀♀ Downy Woodpeckers & a ♂ Hairy present together & sometimes all in Sassafras tree in Jungle where the Hairy looked thrice as big as the Downies. Once I saw him eating suet in Catalpa tree by Museum; 15 or 20 House Sp. in clothes yard; Blue Jay taking crusts or bread from it & cacheing them in fence posts & tree branches.

Spent most of day in museum engaged in miscellaneous routine work; also in pulling a string leading to Parkman apple tree to keep away the Starlings

Nuttall Club meeting, large attendance with several old time members including Murdock, Francis, White & others. Glover Allen read short note on Arctic & boat. Gr. Hopkins Crooks talked near Cambridge & showed one specimen of roab. & 2 of native farms. I felt that all not [illegible]

News of Roosevelt's death started spring in my heart

Cambridge

Ther 20° — Tuesday, Jan. 7, 1919 — Wea Dull

Partly sunny but mostly dark cloudy. Little or no wind. Air frosty & rather chilly.

Garden birds: All I noticed were 2 Chickadees coming to the suet that hangs close beside my study window.

A short walk (as far as Nichols place) up Brattle Street soon after breakfast. Spent remainder of forenoon in Museum writing letters. C. walked up from Ware Hall to lunch with E. R. S. & me. After that I played Victrola music to her for about an hour. She motored back in our Ford car at 4 P.M.

Usual evening reading.

Bosson called to solicit money for Boy Scouts fund. Gave him $5.

Cambridge

Ther Wednesday, Jan. 8, 1919 Wea Stormy.

Another dark-cloudy, windless, dreary day with fine rain falling almost incessantly yet not washing away much of the thin snow-covering.

Garden birds: a Northern Shrike in full song seen by Percy Harris at 8 a.m. Its presence doubtless accounted for the total absence of all other birds during the entire forenoon. In the afternoon two Chickadees came to the suet & half a dozen House Sparrows into the clothes yard.

My out-door excursions extended no further than to the Museum where both forenoon & afternoon were spent as usual in writing a few letters.

Cambridge

Ther Thursday, Jan. 9, 1919 Wea Dull.

Continued dark and gloomy, yet windless and not frosty weather, very depressing because so trying, frequent & protracted for the past month or more. Streets & sidewalks again dangerously ice-coated. Barons covered thinly with hard-frozen snow.

Garden birds. 1 Chickadee at suet; a House Sparrow in clothes yard; 3 Jays together in the linden.

Walked up Brattle Street to the Nichols place, after breakfast. Wrote letters & cheques for bills after returning to Museum. C. walked hither from Ware Hall to lunch with E. R. S. & me. Later we had Victrola music. Gilbert motored her back at 3.45 P.M. Usual evening reading.

Cambridge

Ther 10°, 18° — Friday, Jan. 10, 1919 — Wea Fine

Clear & cold with light northerly wind. Ground surfaces generally covered with a thin sheet of ice or snow. This at Concord makes good sledding but our main streets in Cambridge are largely bare.

Garden birds. A Chickadee, coming to the suet that hangs by my study window, was literally the only bird seen or heard by me to-day.

Not daring to face the cold northerly wind I kept in doors all day & mostly in Museum where letter writing and a general inspection of the library with a view to weeding out superfluous books, occupied my time very fully if not also profitably. My powers of accomplishment in such occupations are still at low ebb, however.

E. R. S. read to me after supper as usual.

Cambridge

Ther 15°, 25° — Saturday, Jan. 11, 1919 — Wea Fair

Mostly sunny & disagreeably cold but without much wind.

A Chickadee ate thru suet & one or two House Sparrows the only garden visiting birds.

Another profitless day passed in Museum striving in vain to accomplish some worthy task but producing nothing save a few letters.

Mr. Scudder's friend who is trying to raise a lot of money for Grinnell College, Iowa, came to see me by appointment at 5.30 P.M. He asked me to advise Mrs. Melvin to give to it which I positively refused to do. His coming somewhat shortened a more welcome call from Dr. Dana who came about 4.40. Professor French called at 8.15 P.M. staying until 10.30 giving me a most interesting account of his 10 months' experience in France.

Cambridge

Ther 0°, 18° Sunday, Jan. 12, 1919 Wea Fine

Brilliantly clear with light northerly wind. Coldest day of winter thus far.

Garden birds: A chickadee at suet, a Hairy Woodpecker heard in Jungles

The humiliating drowsiness that has so afflicted me for several weeks past became so overpowering to-day that I accomplished nothing in the way of writing save a three page letter to Don 7: I did manage to keep awake at dinner time & for an hour or more afterwards, when we had as guests Charlie & Mrs. Brand. Sarah Anne came to see Lorry before they departed. We had the usual evening reading.

Cambridge.

Ther 15°, 26° Monday, Jan. 13, 1919 Wea Fine

Clear with slowly rising temperature, Almost no wind.

Garden birds. A Chickadee coming to suet, a Downy heard in Jungle, 2 Starlings seen in Parkman's apple tree.

Our Gray Squirrels have not as yet shown any signs of hibernating to which they are commonly given at just this season. We seem to have only two, both very large & tame. After eating all the haws on 3 trees they have since eaten many of the Parkman apples on which the Starlings have fed so greedily.

Day spent in Museum writing letters. Walked up Brattle Street to Elmwood just after lunch. At it we had Miss Balch.

E. R. S. read one of closing chapters of David Copperfield this evening

Cambridge

Ther 32° 36° — Tuesday, Jan. 14, 1919 — Wea Dull

Thin to dark cloudy, calm, mild. Snow & ice melting freely.

Garden birds. 1 Chickadee, Northern Shrike, 2 ~~House~~ Sparrow, 2 Crows, 2 Starling (in Parkman apple)

The Shrike was perched at noon high in the Catalpa tree in front of Mus. where I watched him ten or twelve minutes. All the while he sang almost ceaselessly, employing mostly unmusical notes, some very like the mew of a Cat bird. He seemed to be also watching keenly for prey yet apparently failed to notice a Chickadee in view over the Museum gate. The latter bird was obviously nervous & excited. It kept uttering its call-notes & flitted restlessly to & fro.

My forenoon spent in Museum. C. came up at noon & stayed until 8 P.M. Dr. Stevens called at 3.45 & Judge Abbott at 4 P.M. Ex R. S. read aloud to us of his visit on

Cambridge

Ther 38° — Wednesday, Jan. 15, 1919 — Wea Fine

Mostly sunny. Very mild with light westerly wind. Snow & ice melting fast & almost wholly gone from Streets & Lawns by night.

Garden birds. 2 Chickadees, a Northern Shrike, a Starling, 2 Hairy Woodpeckers (♂ & ♀)

The Shrike, a small, dull-colored one, apparently ♀, appeared about 3 P.M. in Catalpa by Museum. Evidently hungry & in eager quest of prey it first flew at the ♀ Hairy who, however, faced it with leveled bill & half-spread wings. Next it undertook to capture a Chickadee but failed to do so although following it about for many minutes through lilac thickets & denser that neither bird could do more than hop or flit a yard or less from twig to twig. Sometimes the Shrike got within 3 ft. of the Chickadee but never nearer. The Chickadee kept up a constant succession of chickadee calls but otherwise seemed merely excited & prudently alert rather than panic stricken. After giving up pursuit the Shrike dashed off at meteoric speed to a Starling feeding in Parkman apple tree.

Spent most of day in Museum working & letting. Walked up Brattle St. nearly to Edmund at noon.

Cambridge

Ther 38° — Thursday, Jan. 16, 1919 — Wea Fine

Clear and mild with light northerly wind. Snow & ice wholly gone. Exposed grass of lawns only faintly green.

Garden birds. A Chickadee coming to the suet, a Starling (♂) eating a few remaining Tarleman apples.

Spent most of day in Museum writing letters & bird notes (about Strikes in Gardens of late).
Walked up Brattle St. to Edmund in early afternoon.
Mr. & Mrs. Edward Emerson lunched with E. R. S. & me at 1 P.M. He showed great interest in our Riedesel window frame and the printed story relating to it, being, to my surprise, wholly unfamiliar with both. & equally so, of course, to the von Bernstoff developments of 1917 establishing his relation to it.

Cambridge

3 Ther 30°, 40° — Friday, Jan. 17, 1919 — Wea Fair

Partly cloudy but mostly sunny with little or no wind. Warmest day of month thus far.

Garden birds: 4 Chickadees together in lilacs, 2 House Sparrows in Clothes yard, Downy Woodpecker & Blue Jay heard.

The weeding out of books & pamphlets to be sent to John Sherman of Mt. Vernon, N. Y., occupied much of my time to-day. Some of the things thus discarded are duplicates, others have ceased to possess interest or value in my esteem. Sherman will take them all & pay me something in cash. Sam Henshaw endorses him & made no objection to my proposed dealing with him when informed of it.
C. walked up to take lunch with E. R. S. & me. We had Brahms music after it. Gilbert motored her & Charlotte back at 4 P.M.

Cambridge - Boston.

Ther Saturday, Jan. 18, 1919 Wea Dull.

Cloudy calm & mild with a brief period of light drizzling rainfall.

Garden birds. 2 Chickadees & a Gold. crest Kinglet (heard only) in lilacs; Downy Woodpecker heard in Jungle. Crows cawing.

At 10 a.m. Gilbert motored me to Harvard Square whence I went by subway to our Boston office, remaining there for about 2 hours. Saw Gallup, Darling, Sted Buttrick, Beamis & others in Estabrook Ho. Took in Blandle for Sunday Jay returns. After leaving office called at Safety Vault & thence walked to cor. Union & Hanover Sts. to call on Mr. Waginsky. He proved a very attractive & pleasing young Hebrew.

Home by 1 P.M. to lunch with C. who departed at 3.15.

E. R. S. read "Lincoln" after supper.

Cambridge

Ther 30° 38° Sunday, Jan. 19, 1919 Wea Fine

Continued autumnal, rather than wintry, weather with bright sunshine & little or no wind. The general absence or moderation of the latter has been a marked characteristic of the past month or more during which we have had few if any violently windy days. To offset this blessing there has been much more than the average amount of dark-cloudy weather - especially trying at this time of short days.

Garden birds: None seen but a Jay & one or more Chickadees heard.

Spent most of day in Museum working on bird notes & writing letters. Miss Allyn dined with E. R. S. & me at 1.30. E. R. S. read aloud to me 7.30-8.30. After that I called on Miss Allyn seeing Mr. & Mrs. & Mary

Cambridge

Ther 30°, 36°. Monday, Jan. 20, 1919 Wea Fine

Clear, calm, mild. Everything looking & feeling more like late autumn than mid winter. Brattle St. & other sidewalks "bone dry" & thronged at some hours with well-dressed people including many young mothers with baby carriages.

Garden birds. A Chickadee seen and a Jay heard.

Spent day in Museum preparing a sort of summary of bird notes made last spring, summer & autumn at Concord & Cambridge, to be read this evening at Nuttall Club. Walked up Brattle St. to beyond Nichols house, in Late P. M. Miss Balch lunched with us. Nuttall meeting well attended (by 18 members). The reading of my notes took up more than an hour. Townsend showed Hairy Woodpecker just taking at Ipswich. He thought it might be leucomelas but it is not although an exceptionally large bird.

Cambridge.

Ther 30° 36° Tuesday, Jan. 21, 1919 Wea Dull.

Dark cloudy, calm & mild, but very chilly.

Garden birds. Chickadee heard; 4 Blue Jays together in the lilacs.

Spent most of day in Museum, writing letters & a few bird notes. C. came up in the Ford car at 11 and returned in Gambel's at 3.30. She & I visited the hen house & got a fresh-laid egg there. There is nearly always one daily now but never more.

We had Victrola music after luncheon, listening to it in the hall where a bright fire was blazing.

After C. had departed I walked up Brattle Street to beyond Elmwood with Walter Deane. E. R. S. read only from the Transcript this evening.

Cambridge.

Ther Wednesday, Jan. 22, 1919 Wea
30°, 36° Dull

Dark cloudy, calm & mild but chilly.

Garden birds. Chickadee & Jay heard.

Spent entire day in house & Museum weeding out great numbers of pamphlets & papers & books to send to Sherman for sale or to Elizabeth Forsyth for the Wolfeboro Library, the latter getting all the Mormon propaganda with which Sir Gilbert Parker & later Prof. Dixon, have kept me so well supplied during the past four years.

E. R. S. read to me from Transcripts 7.30 - 8.30 P.M. Later I called on the things seeing both Mr. & Mrs.

Cambridge i

Ther Thursday, Jan. 23, 1919 Wea

Continued gloomily cloudy, mild but chilly, windless weather, reminding me of that which we had in England most of the time in September, 1909. This resemblance especially marked in afternoon when a dense fog obscured everything.

Garden birds. At least 4 or 5 Thought 5, Chickadees with an unseen but vocal White Breasted Nuthatch, in the lilacs; a ♂ Downy Woodpecker in grape arbor, a loud screaming Blue Jay.

Spent most of day in Museum writing letters. C. came up at noon & went back at 4, Gilbert motoring her both ways. We visited her house & got an egg. "Jack", talking well at 8 P.M., spelled "one - i - c - k - dog" with perfect, slow distinctness, Delia & I standing near him at the time

Cambridge

Ther Friday, Jan. 24, 1919 Wea Dull.

Cloudy with high N. W. wind & steadily falling temperature. Last night mild with very heavy rain. Now snowless & ice less city. Lawns native bright green again.

Garden birds: 5 Chickadees assembled about the suet hanging by my study window, at 11 a.m.; no more than one was to be seen feeding at it at the same time but each, upon leaving it, was almost instantly replaced by another so that it was never without its hungry little birds for fifteen or twenty minutes. Besides these I noted no other bird save a Jay heard screaming. Combined dizziness & nausea forced me to pass entire afternoon lying down in upstairs chamber. Got out to Museum after luncheon & took several letters there.

Cambridge

Ther 22°, 32° Saturday, Jan. 25, 1919 Wea Fine

Clear and cool with light northerly wind. There seems to be no frost in the ground save where its surface hardens overnight to a depth of an inch or so. Little or nothing to be seen now or for a week past in or about Cambridge would lead one uninformed as to the fact to suspect that this is midwinter here.

Garden birds. Chickadee, Crow & Blue Jay heard.

Spent most of day in Museum writing letters & culling out superfluous books for Sherman. Short walk thro' neighboring streets just after luncheon.

Two school teachers, sisters living at 13 Arlington St., Cambridge, the Misses Imogene & Bertha Conland, came by appt at 2.45 P.M. to see the collections. Staying upwards of an hour. E. R. S. read to them after their departure

Cambridge

Ther Sunday, Jan. 26, 1919 Wea Fine

Of a prolonged series of more or less springlike days this has been perhaps the most springlike with its bright sunshine & calm soft air. So at least this said by those who have been out of doors which I have not, being indeed confined to my chamber by sudden illness (consisting mostly of acute nausea) and thereby deprived of the pleasure of seeing our five dinner guests three always, Miss Allyne & Walter Deane. They seemed to be enjoying themselves well enough to judge by the sound of their voices & laughter coming to my ears from below stairs.
After they had gone Dick Deane called to see me but I was not told of it until morning.

Garden birds: Crows heard cawing a jay screaming, Chickadees calling.

Cambridge.

Ther Monday, Jan. 27, 1919 Wea Fair.

Mostly sunny but partly cloudy. No frost but high & bitter chill westerly winds

Spent entire day upstairs, partly in my chamber, also in E. R. S.'s, she reading to me betimes.
This retirement does not so much to ill. may as to a good old fashioned dosing by Dr. Stearns which did not manifest itself fairly until I went to bed at night. Then several of the midnight hours passed wakefully enough for me.

No birds seen or heard.

Cambridge

Ther Tuesday, Jan. 28, 1919 Wea Fine

Another windless, frostless, brightly sunny & altogether very Springlike day.

I passed most of it in bed too much prostrated by Dr. S's calomel & other drugs to do otherwise. C. came up at noon & returned at 3 P.M. after sitting with me awhile & seeing Dr. Stevens who arrived soon after she died.

After she had been gone an hour or so I mustered strength enough to get up & dress — an infinite relief it seems to be once more on one's feet & able to look out of window on what so resembles an early April landscape that I cannot help expecting to see & hear Robins. I do hear a Chickadee, heard Jays & Crows & a Downy.

Got down stairs to supper in hall with E. R. S.

Cambridge

Ther Wednesday Jan. 29, 1919 Wea Stormy

Snowing almost all day yet so sparingly that but little was added to the 2 or 3 inches of wet, soggy snow that fell last night, clinging to everything & especially to evergreen trees, thus we have a "white world" again.

A mean day for me. Spent forenoon in bed, afternoon by fire in den; all the while wretched because of persistent & distressing nausea never once action enough, however, to relieve itself. There was also excessive weakness of body but not much depression of mind.

Dr Stevens called at 10 a.m. to spend half an hour or so in friendly chat.

Heard Crows cawing, a Jay screaming

Cambridge

Ther Thursday, Jan. 30, 1919 Wea Fine

Clear, calm, comparatively mild. Light snowfall of yesterday already gone for most part from tracks & sidewalks but still whitening lawns & back yards.

A generous House Sparrow the only bird coming within my ken.

Spent most of day in "den", reading a "little" & writing a few lines. C. came up with Charlotte about noon & stay was more than an hour. Walter Deane called on us both while she was here. When she left to walk home I went with her as far as Sparks St. thereby getting my first "breath" of out-door air since Saturday last. Dr. Stevens called & E. T. & Emma Kettell arrived from Pa. at 4.30 P.M.

Cambridge.

Ther Friday, Jan. 31, 1919 Wea Fine

Clear with blustering N.W. wind which gave one an impression of wintry chill although the streets continued muddy throughout most of day.

My ills & aches increasingly acute & troublesome, confining me to the house where I spent most of day in the den reading a little & writing two or three short letters. Emma Kettell sat with me part of forenoon & then went to Ware Hall to lunch with C. & thence to Boston Symphony Concert with Miss Slinson. E. R. S. went to afternoon meeting of her Bd. Sally Dearborn calling on her then found me at home instead & entertained me for half an hour or more with most agreeable talk as we sat together in the den. Evening spent in hall with E. R. S. & Emma, talking.

Cambridge.

Ther 16° Saturday, Feb. 1, 1919 Wea Fine

Clear & cold with high northerly wind.

No birds notation seen or heard by me.

Two prolonged attacks of acute nausea just before breakfast did not prevent me from having some slight apology for that meal in the den or from spending the entire day there. I was too weak & dizzy to move about much however, & did not get out-doors at all. Dr. Stevens came to see me in the forenoon. Otherwise I passed a solitary & tedious day reading on a little & writing even less. Emmy went in town at 11, E. R. S. to Music Hall in P.M.

Cambridge

Ther Sunday, Feb. 2, 1919 Wea Fine

Clear & cool with strong N.W. wind.

Dr. Stevens called at 9 a.m. By his advice I remained in bed all day and was glad enough to do so, being very weak & miserable. I came down stairs this evening, however, in my usual place by the hall fire with Emmy Kettell & E. R. S. to talk with.

Miss Allyn was here at dinner but I did not see her or Harry Spalman who called later with kindly offers of sympathy & assistance.

Henry Dinshaw has sent me M.S. of an extended autobiography he has just written. I read it yesterday with deep interest but it is not so well done as I hoped it would be.

Cambridge.

Ther Monday, Feb. 3, 1919 Wea Fine

Clear with light westerly wind and cool, rather than cold, air.

At last my "ills & aches" appear to be abating. To-day there has been no nausea & better appetite with somewhat less giddiness. This encouraging change has perhaps been wrought by the DeFoe Farm sour buttermilk which I began taking yesterday. Dr. Fehring recommended it strongly last Spring but Dr. Stevens did not seem inclined to favor it then.

Spent most of day downstairs in Den. Was called on there first by Mrs. Almy; next by C., who spent half an hour with me; then by Phelan, who offered to lift up with me o'nights; finally by Dr. Stevens. Emma Hallett left us soon after breakfast & returned by 10 A.M. to her home.

Cambridge

Ther Tuesday, Feb. 4, 1919 Wea Fair

Partly sunny, largely cloudy, altogether windless with temperature about freezing point or a trifle above — as it has been almostly constantly for past forty eight hours or so.

Garden birds. 2 Chickadees, a dozen or more House Sparrows.

Feeling decidedly better to-day. Although spending most of it in Den I took a visit to Museum & once the poultry yard with C. whom she came up from Ware Hall at noon. We then got 3 fullsize eggs while as many more were gathered by Verdy in the afternoon.

C. returned to Ware Hall at 4 P.M. She seems up in excellent health & spirits now.

E. H. J. read aloud to me this an

Cambridge

Ther Wednesday, Feb. 5, 1919 Wea Fine

Clear, calm, mild. In all respects essentially like an early November day.

Garden birds. A carrion crow this only ~~one~~ seen or heard by me.

Digestive troubles back in some force as manifested especially by giddy weakness and pronounced dislike for almost every kind of food. Nevertheless I spent most of day in Dow & at noon walked slowly up Brattle St. as far as Appleton Street, pausing often to lean against a fence for rest, however. Dr. Stevens called in mid P.M. Evidently dissatisfied with my improvement or rather lack of it he now suggests calling another doctor in consultation & also the possibility of my return to Mass. General Hospital.

Cambridge

Ther 17°, 32° Thursday, Feb. 6, 1919 Wea Fine

Clear and ~~frostily~~ cold with fresh northerly wind.

Garden birds. A Blue Jay, a Crow and one or two Chickadees heard.

Spent most of day in bed writing letters. C. came up at noon to lunch with us and to return to Ware Hall at 4 P.M., Gilbert motoring her both ways. Just before her departure she & I visited the poultry house to find therein four fresh laid eggs. The pullets have given us 14 in the last 3 days.

Dr. Stevens called at 1.30 & Dr. Saylor at 4.15. The latter took a sample of my blood from a forefinger, for purposes of analysis. Mrs. Almy called at 4.45 P.M. E. R. S. [illegible] to me in hall after supper from Jackies. Wonderful [illegible]

Cambridge

Ther Friday, Feb. 7, 1919 Wea Fine

Clear, windless, freezingly cold.

Dr. Edsall, called in consultation by Dr. Stevens, came at 9 a.m. to make a physical examination. It was done most thoroughly &, together with a searching questioning as to the past history of my illness & ails, it lasted about one hour. Dr. Stevens was here three hours that long. He reports that no organic disease can be found & that Dr. Edsall fully agrees with him in thinking that the trouble is wholly due to anemic condition of the blood. They both advise careful nursing & avoidance of all over activities or worry however slight. C. came up at noon & stayed about half an hour. I was really exhausted in P.M. sleeping part of the time.

Cambridge

Ther Saturday, Feb. 8, 1919 Wea Fair

Sunny but hazy & also somewhat cloudy especially in P.M. Almost no sound. Temperature mild with little or no frost.

Garden birds. Big mob of House Sparrows in & about our poultry yard. Must have been 30 or 40 of them there at noon. No other birds seen or heard.

Another wholly unproductive day the forenoon of which was spent by me in bed. Soon after leaving it & dressing to go down stairs I had a short call from C. who did not stay for lunch, however. Dr. Stephens came at supper time to stay half an hour. T. chat with me about farming & stock raising in which he tells deep interest

Amarous Gray Squirrels

Cambridge

Ther Sunday, Feb. 9, 1919 Wea Fine

Sunny, calm, cool but not frosty; altogether a delightful day of late autumn rather than mid-winter type. The ground remains for the most part & not wholly unfrozen & every nook from here to Concord is quite free from snow or ice while the grass of our city lawns continues green.

This, the 41 anniversary of our wedding day, has passed very pleasantly for C. & me despite our various ills & aches. She came up about noon to lunch with us at 1.30 and stay on until 3.30. We sat by the open fire in the hall and enjoyed 3 new Victrola records that I sent in town for yesterday one by Gluck, another by Gogorza, the third by Galli-Curci. Usual evening reading by E. in hall

4 ♂♂ Gray Squirrels in courting mood Tues & Thursday

Cambridge

Ther 22° Monday, Feb. 10, 1919 Wea Fine

Clear & frostily cold with light northerly wind. Ground hard frozen again.

After spending most of forenoon in bed I dressed & came down stairs in time to receive Dr. Stevens who stayed a fresh hour & somehow tired me nervously so that I had a rather miserable afternoon enlivened, however, by a call from Miss Allyn. Harry Bartlett also came but finding I did not see.

Just before supper a sudden & violent attack of nausea laid me up for another afternoon which I spent in bed & had a light & simple meal. E. R. S. read to me in bed after supper from Lowell's "The Wonderful Year" which we both like.

Cambridge

Ther 18° Tuesday, Feb. 11, 1919 Wea Fine

Clear and cold but nearly as quite windless, with fine day & bracing wintry air having no chill to it.

Garden birds. 4 Chickadees, a screaming Jay, upwards of 30 House Sparrows in poultry yard.

C. came up at noon when we went to the hen house to look for fresh laid eggs, finding only three this time. While there I saw the birds noted above & enjoyed the pure, dry air & glad sunshine. After luncheon we heard Victrola music for half one hour. E. went back to Warehall by motor at 4. E. R. S. read Locke's story after supper. No callers to-day - we have seen any doctors

Cambridge

Ther 16°, 28° Wednesday, Feb. 12, 1919 Wea Fine

Still another sunny, windless & just pleasingly frosty day. Of late the midwinter has been singularly prolific in such seasonally perfect weather. It is a real blessing even to those of us who cannot enjoy it freely out of doors.

Garden birds. a Chickadee, at least 30 House Sparrows in hen yard, a screaming Jay.

Had breakfast in bed & decided not leave it until 11 a.m. Dressing then I spent next two hours in E. R. S.'s chamber where she & I sat by the bay window sunning ourselves & chatting. Just before luncheon I wandered alone into the garden & strolled about there outside. Read & dozed in P. M. Dr. Stevens called on C. E. R. S. read aloud after supper

Cambridge

Ther Thursday, Feb. 13, 1919 Wea Fine

Sunny, calm comparatively mild, yet frosty at morn & eve. Clouds gathering in late P.M.

Garden bird. A Chickadee & a Blue Jay heard; usual mob of House Sparrows in poultry yard altho our hens are now fed only one scoop corn scoop presumably a Sparrow cannot eat.

C. came up this forenoon to both dine & sup with us. She & I went to the hen house but got only 3 eggs. After that we spent 15 minutes or more strolling about the garden, enjoying the warm sunshine & almost balmy air.
Fred Gallowspe came out at 11 bringing Stat Income Tax returns for me to sign personally & as Trustee. Harry Gilchrist called at 6.30 to perform same service for C. & E.

Cambridge.

Ther Friday, Feb. 14, 1919 Wea Stormy

Dark cloudy with incessant & very heavy rain flooding streets, lawns & gardens.

A Chickadee heard faintly.

Had breakfast in bed but rose & dressed immediately afterwards to be ready for Gallowspe who came by appointment at 8.45 with some papers relating to the Estate mortgage for me to sign & swear to.
After he had gone I set to work writing letters & kept at it during remainder of forenoon & part of afternoon, thereby accomplishing more than during any other day for weeks past. Dr. Stevens came at 6 & stayed about half an hour. E. came to me as usual after supper.

Cambridge

Ther 34° Saturday, Feb. 15, 1919 Wea Stormy

Large flakes of wet snow coming thick & fast from daybreak to 10 A.M. covered the ground to a depth of about 2 inches & loaded branches & twigs of trees. After the latter hour the day was cloudy calm & mild but chilly

Garden Birds. A Blue Jay heard.

Spent most of day in clear writing letters but got out at noon for a short walk in the Garden with Danny. Harry Spelman called in med P.M. to get my signature to the transfer of a mortgage on the Mc. Grath farm at West Bedford, or rather on a part of it sold & resold within recent years. The last purchaser now wishes to pay off the mortgage

E. read to me after supper We are finishing "A Fortunate Year"

Cambridge

Ther 36° Sunday, Feb. 16, 1919 Wea. Fair

Partly cloudy but mostly sunny with rather fresh northerly wind. Snow melting fast in exposed places & nearly all gone from streets & sidewalks before night.

Garden birds. 7 Chickadees & 3 Downy Woodpeckers (♂♀♀) near together in lilacs & willows between house & Mass. gate; a Tree Sparrow on ground beneath Pavilion apple feeding busily on seeds of the fallen fruit; 10+ House Sparrows; a Crow one wing, flying low; a screaming Jay.

All the birds above mentioned save the Jay were seen about 3.30 P.M. when Danny & I were walking in the Garden. I spent remainder of day in house. Walter D. called at noon, Dr. Stevens at 4.30 P.M. Miss Allyn & Miss Hopkins dined with us - on a Concord turkey & finished the book they brought

Cambridge

Ther 18°. 30° Monday, Feb. 17, 1919 Wea Fine

Clear & cool but not chilly, with fresh westerly wind. Surface of ground lightly frozen over again.

Garden birds. A Downy & a Hairy Woodpecker, both seen by Percy.

Spent most of day in town but went twice to Museum whence I telephoned to various people at Concord & elsewhere, among them being John A. Brown to whom I said that Burbank would leave me on April 1 & I thought he (Brown) might hear of some suitable for the place. He suggested that he might like it himself & would see me to talk it over soon. No callers. I accomplished little save by sorting a few letters.

Cambridge

5 Ther 34° max Tuesday, Feb. 18, 1919 Wea Fine

Sunny but overcast at times with a rather strong & harsh N.W. wind blowing. Altogether a less comfortable & agreeable day than many we have had of late.

Garden birds. A Chickadee, a ♀ Downy (at suet), Social House Sparrows, Crows cawing not far away.

Some recurrence of ills & ails not troublesome for several days past gave me a rather uncomfortable forenoon & afternoon. During the former I went out to the Museum to superintend work Gilbert was doing there. After luncheon I began letter sorting & kept it up until 6 P.M. C. was to have come up but did not because of a "set back"

Cambridge

Ther 20° Wednesday, Feb. 19, 1919 Wea Fine

Brilliantly clear & frostily cold with brisk northerly to westerly wind, dying out sunset.

Although sleeping well last night I awoke this morning weak & nervous so spent whole forenoon in bed. Leaving it at noon I dressed & walked down Brattle St. to Sparks St. but even this slight exertion so exhausted me that I was glad enough to get back into the house again. Yet Dr. Stevens could find nothing seriously wrong when he came to see me in Mid. P.M. Besides composing a rather different letter to Mess. Fogg & Young Com. about fearmeals I wrote nothing all day.. E. made a round of calls in P.M. & read a little after supper

Cambridge.

Ther Thursday, Feb. 20, 1919 Wea Fine

Brilliantly clear, almost windless, frostily cold but in no wise chilly. Altogether a very pleasing day.

Garden birds. A Chickadee & 2 Downy Woodpeckers heard. Lots of Horse Sparrows in poultry yard.

Had breakfast in bed but was up & dressed half an hour later. After that had a long sun bath in E's chamber, she meanwhile reading the morning newspaper to me.

C. arrived at noon when we went together to the hen house & got 5 eggs (the pullets laid a week before sunset). We had a Concord Mallard for dinner after a Victrola music. Judge Abbott called at 4 staying about 15 minutes. C departed a little later. After that I walked up Brattle St. & Charles Street

Cambridge

Ther Friday, Feb. 21, 1919 Wea Dull

Thin cloudy, calm & chilly — Light snow falling 4 - 5 P.M. whitening ground & powdering branches of trees & shrubs but nowhere reaching to a depth exceeding half an inch.

Garden birds. 3 Blue Jays & 2 ♂♂ Downy Woodpeckers in lilacs; about 20 House Sparrows in & about poultry yard.

A comparatively comfortable & also active day for me. Visited Museum twice & took a couple of letters there besides others in house. Dr. Stevens called at 3 P.M. bringing a disquieting report of x ray photos taken by Dr. Anderson which, he says, indicate a septic condition at roots of some of my teeth.
E. read a little about Mt Ararat.

Cambridge

Ther 36° Saturday, Feb. 22, 1919 Wea Fair

Partly sunny, mostly overcast. Little or no wind. Snow records have continued to rise. Was last night for it lay 3 or 4 inches deep this morning. The trees were down with frost foliage intact, however, melting rapidly as sunrise & had wholly disappeared an hour later.

Garden birds. A Downy heard, 15 or 20 House Sparrows seen.

Rose at 10 a.m. & spent remainder of forenoon in den reading newspapers & letters. After luncheon went to my old schoolmate Herman Haupt & then went to Museum to read there awhile. Returned to house at 5 P.M. & soon after that had active nausea & vomiting. E. read Martin Chuzzlewit this eve.

Cambridge

Ther Sunday, Feb. 23, 1919 Wea Stormy

Snowing again last night, raining lightly through most of to-day, thereby removing nearly all the snow that has come of late, but leaving the ground thinly coated with glistening ice.

No birds seen or heard.

Spent entire day in the den. Harry Bartlett came to see me in forenoon, Chas. Abbey in late afternoon, each staying about an hour.
I accomplished no writing save that in a letter to Henry Hunkins. Nor did I read anything except the newspaper. E. read a book Marion Churchwood this evening.

Cambridge

Ther Monday, Feb. 24, 1919 Wea
36° Pres. Wilson lands at Boston Fine

Brilliantly clear with fresh westerly wind. Pools of surface water & deep mud bestrew throughout our yard. Snow & ice practically all gone from streets & sidewalks.

Garden birds. A Chickadee, 2 of Downies, 5 House Sparrows.

For me a day of discomfort passed mostly sitting in the den & ending with a two hours' attack of nausea. In mid P. M. I did get out of doors to spend upwards of twenty minutes on pleasant walk leading to Museum where it seemed good to breathe fresh air again. My heart has begun to trouble me a good deal especially when going up stairs. C. also is less well & indeed having a trying time I fear.

Cambridge.

Ther 34° Tuesday, Feb. 25, 1919 Wea Fine

Clear & mild with moderate westerly wind.

Noticed no birds about this place.

Breakfast in bed. Stayed there until nearly noon. Down stairs by 12.30 just in time to receive E. W. Nelson & Outram Bangs who were on their way in town to attend a hearing given by Adams on State House at 2.30 to discuss proposed restriction of collecting permits. They spent about half hour with me. Nelson looking rather badly well. C. arrived soon after they did. I did not see her until luncheon. After it we had Victrola music & went agging in horse house, getting 5 eggs. C. departed at 3.30. Dr. Stevens called at 11 a.m. & read from Transcripts this morning.

Cambridge.

Ther Wednesday, Feb. 26, 1919 Wea Fine

First Snow-drops

Slight rain overnight & at daybreak but the sun shone bright & clear by 9 a.m. & thro remainder of day. There was a rather strong & harsh N.W. wind.

Garden birds. At 8 a.m. a wet & bedraggled Blue Jay flitting about in the clothes-yard; at 4 P.M. 2 Hairy Woodpeckers, ♂ & ♀, and 2 Downy Woodpeckers, at least one & I thought both, ♀, visited the suet in Catalpa tree. The ♂ Hairy was a small bird of its kind, the ♀ a very big one. There was also a solitary Chickadee.

Lay in bed until 11 a.m. Was reading newspaper in den at noon when an applicant for Burbank's position came, Leslie H. Shepard by name, now working for Gardner Lawrence. He seems a rather inane fellow, but suited to my need yet not wholly unfrequently. Spent more of P.M. with Wheelwright

Snow Drops in bloom Friday Mar 7

Cambridge

Ther Thursday, Feb. 27, 1919 Wea
Fine

Clear & cool with fresh N. W. wind. Surface of ground mostly bare, frozen hard in early morn, later a sea of mud. At Concord they have 6 inches of snow & excellent sleighing I'm told.

Garden birds. A ♂ Hairy W. at suet (he looked larger & whiter than the ♂ seen there yesterday & was not, I think, the self-same bird); a Blue Jay in the lilacs; not less than 30 House Sparrows in & about poultry yard.

Up & dressed by 11 a. m.
C. came at 12.15 to stay until 4. We visited the hen house & got 4 eggs, the pullets afterwards laid 3 more
No chance callers
E. read aloud to me after supper

Fine snow, drifting in blown from S & SW.

Cambridge

Ther Friday, Feb. 28, 1919 Wea
First Woodpecker drums Fair

Partly sunny, largely cloudy with an occasional light sprinkle of rain. Mild, soft air suggestive of early spring, as were the sight of no less than 5 white snow drop flowers in the bed by Mission gate & the sound of a ♂ Hairy Woodpecker drumming many times in the elm over the driveway.

Garden birds: 2 Chickadees 30 + House Sparrows, 2 Hairy Woodpeckers ♂♀, a Downy ♀, Crows cawing not far off.

Breakfasted in bed but dressed immediately afterwards & settled in Den to await Burbank who came from Concord about 10 a. m. to talk over his work for March, with me. He stayed about an hour. Spent most of P. M. in Mission reading early diaries & journals. Called at 6 P. M.

Cambridge

Ther 48°, 57° — Saturday, Mar. 1, 1919 — Wea Mixed

Heavy downpour of warm rain from daybreak to about noon. Afternoon sunny & delightfully spring-like.

Garden birds: a Chickadee, about 30 House Sparrows, 2 Crows (one young), a Jay (heard), a ♀ Downy (at suet)

Had my hair cut & beard cut in Museum this afternoon by Mark whom Gilbert brought up & took in and Ford car.

Walked (not without much difficulty & discomfort) to the Spelman after luncheon to look at their lens.

Wrote a letter to Dan French after getting back.

Cambridge.

Ther 46° First Flicker shouting — Sunday, Mar. 2, 1919 — Wea Fair

Partly cloudy but mostly sunny & very mild, with little or no wind. 7 Snow drops in bloom. First bird voice of spring that of a Flicker shouting at short, regular intervals, a score of times at 11 a.m., somewhere up Sparks Street not beyond the Dodge place. To judge from the sound of his voice. How it carried me back to early days when we used to hear it so often along Dodge Lane & in the Mt. Auburn region.

Garden birds: House Sparrow 30+, Flicker 1 ♂; Downy, 1 at suet; Blue Jays, 2, Crows, 2.

Rose at 10.30 a.m. Wrote letters in Museum. Mrs Allyn & Miss Hoffman on dinner.

A slight ill turn soon after deprived me of pleasure of seeing the Thayters & Alice Stone who called on me later. But they came up to stay with us & stay with us until 8 P.M.

Bambridge

Ther Monday, Mar. 3, 1919 Wea Fair

Mostly sunny but with some cloudiness. Hardly any wind. Spring-like "feel" to the mild air.

Garden birds: A Chickadee, about 30 House Sparrows, 2 Blue Jays & a Downy Woodpecker.

For me an unprofitable & uncomfortable day with no useful working accomplished & ending in violent & prolonged nausea followed by headache. I did undertake a walk just after luncheon going as far as to the Spelmans' & having a "staggering" time of it.

Bambridge. First Robin & Grackle
" Crocus - a white one

Ther Tuesday, Mar. 4, 1919 Wea Fine

Sunny & warm with soft southerly wind.
First Crocus - white one - not quite open.

Garden birds. Percy Harris reports a Robin in song near the Spelmans' house on Brewster Street, & a Bronzed Grackle bathing in a pool of surface water in our Jungle Gulch in forenoon. I noted only a Downy, the usual mob of House Sparrows & some cawing Crows.

C. came up at 11.30 & returned to Wax Hall at 4. We visited the hen house at noon and got only 4 eggs but Percy found that as many more had been laid by 3.30. Yesterday there were 9.
Dr. Stevens called at 12.30
E. read aloud after supper

Song & Fox Sparrows. Cambridge

Ther 56° Wednesday, Mar. 5, 1919 Wea Fair

Early morning sunny. Clouds gathering later, Light rain at evening. Spring like day. Dozens of Snow drops & one white crocus in full bloom. Blue flower buds of several squills about to open.

Garden birds:- 2 Chickadees & 3 (♂♀) Doves at suet. A Song Sparrow singing breakfast in lilacs; 2 Fox Sparrows scratching among fallen leaves in brush grove; 3 Jays in jungle; 40+ Tree Sparrows about poultry yard; Crows cawing afar off.

Did not leave my bed until 11 a.m. Out in garden by 12.15 to spend half hour there. It was so warm I needed no overcoat while slowly still or moving slowly about. Wrote letters in P.M.
Percy had one load supply from in the day 35 long fence posts, 20 long 1 x 4's, & 11 per rod.

Cambridge

6 Ther 30° Thursday, Mar. 6, 1919 Wea Fair

Brilliantly clear with keen & bitter frosty air but little or no wind.

Garden birds. 7 Robins, "five of them handsome, red-breasted cock birds", seen in the garden by Percy about 7 a.m. I could find their later only one freshly-arrived migrant & that a ♂ Junco who sang a little in faint modulations now & then. There were also a ♂ Hairy & a ♀ Downy Woodpecker, the usual horde of Tree Sparrows, a couple by Jays & 6 Crows on wing.

Up & dressed by 10.30. Wrote letters in morning until noon when C. arrived. After lunch we got 7 eggs in our hen house & then basked in the Spelman. C. spent the night here. We had Pelzbach Junior & Gladding around after dinner

Cambridge

Ther 30° Friday, Mar. 7, 1919 Wea Dull

Thin cloudy; light S.E. wind; chilly but not cold.
First yellow crocus, in front of Mrs Chase.

Garden birds. 5 Robins seen early in morning by Percy. I could find nothing but House Sparrows later until at length a Bronzed Grackle was first heard & then seen, sat quite across the street in Hubbard Pond & then in the top of one of our lindens.

This has been my most active & best-feeling day for months. In forenoon C. & I gathered the eggs & then took down over to Avery Fuller whom we saw. After luncheon we walked around the square occupied by the Chase place to Avery Simmons who walk, left her room all day. Mr. Simmons came to see her at 6.30. Mrs Bradbury & Miss Bradbury visited.

Cambridge

Ther Saturday, Mar. 8, 1919 Wea Fine

Clear, cool, comparatively mild. Grass showing green with renewed life in sheltered, sunny places. Crocuses of all colors blooming freely in many front yards now. Practically no bared frost in ground.

Garden birds. Percy, coming home soon after daybreak, heard a Robin singing across Sparks St. in the Hosfords' grounds & saw a single Crow Blackbird in our jungle. Two birds were seen by me. They included a Chickadee & a Silent Song Sparrow, both close under my study window; a Downy heard calling; Crows ds.; & Starlings flying over high in air.

Remained in bed until 10.30. Soon after that Dudleyson Boys came to see me & later J. A. Brown. Soon after lunch C. & I walked up Prattle & Appleton Streets.

Cambridge

Ther 34° 55° Sunday, Mar. 9, 1919 Wea Stormy

Dark cloudy with warm S. E. wind & incessant heavy rain

Garden birds. Half a dozen white Horned Sparrows the only ones noted.

Remained in bed until 11 a.m. After that sat in morning room with C. & E. until after son Thurs had dined there together as we later supped, also.
Afternoon fully occupied. At 2 P.M. Dr. Stevens arrived closely followed by General Will Thayer & his sister Sarah. Had a short talk with him. Stevens consulted him about my case. He & Sarah went following half an hour. After they had gone I called on the Spaulding who were away & on Tom Cabot with whom I stayed until 6 to Vulcan meeting for C. after supper

Cambridge

Ther 42° max. Monday, Mar. 10, 1919 Wea Fine

Brilliantly clear with raging N. W. wind — in short a typical March day.

Garden birds. A Downy Woodpecker & some 30 Horned Sparrows, Crows carrying nest for off., a Tickler heard (by Percy) in the Jungle in early morning.

Another attack of nausea before breakfast. Remained in bed for a couple of hours after it.
A Norwegian came from Concord about noon seeking Burbank's place. I was not pleased with his personality & gave him no encouragement. At 5 P.M. a German came out from the Israell agency. He was most pleasing & evidently a gardener & farmer of large experience but being a Prussian cannot be accepted. Percy bought a dozen incubator chickens & has them installed in "Mother's room" in Tom Putnam's

Cambridge - Boston

Ther Tuesday, Mar. 11, 1919 Wea Dull.

Overcast and cool with occasional light sprinkles of large rain drops.
Some of the Boston Crows quite gray

Garden birds. Downy Woodpecker, Crow & Bronzed Grackle heard, 20 + House Sparrows seen.

Dr. Stevens called by appointment at 9.30 & motored me to 1 Newbury St., Boston, where Dr. Minot first looked at my teeth & then had them all X rayed by a young woman assistant. He says they are in bad septic condition & thinks this may account for my ill health. Coming back saw old dealer Goosander high in air flying N.W.
James F. came out at noon to apply for position at Dickey farm. C., Gilbert & I all talked with and liked him. I practically engaged him but he will go to town on Saturday to look it over first.

Cambridge

Ther Wednesday, Mar. 12, 1919 Wea Fine

Brilliantly clear with light, cool westerly wind.

Garden birds. About 20 House Sparrows, a Jay, Crows (heard), a Bronzed Grackle.

Rose & dressed at 9.30. Fred Gallompe came at 10 and remained until 1 working on my Federal Income Tax return which he finally completed & I took it to the office with the figures still in pencil. I also made out a cheque for $259.66, which is the amount of my first quarterly payment due Mch 15 & another cheque for $25. as Gallompe's compensation for his trouble in walking into my return. Spent P.M. in doing writing letters. C. went to town with Charlotte & Hunter & me to see the Chinese Museum - all cold & very cloudy.

Cambridge

Ther 25° min. Thursday, Mar. 13, 1919 Wea -7 air

Partly sunny, partly cloudy with fresh N.E. wind. Coldest day for a week or more past.

Garden Birds. About 30 H. Sparrows 3 Crows in linden, a Downy & 2 ♂♂ Bronzed Grackles in lilacs, large ♀ Hairy W. at suet on catalpa

Dr. Stevens & his son Horace called at 10 a.m. to report results of Dr. Minor's examination of my teeth. His X-ray photographs show serious infection at roots of both anchor teeth of bridge in upper left hand jaw. This bridge must be removed this doctor thinks; of course it is my very best one. The elder Dr. Stevens started from Porto Rico via New York, this afternoon.

I spent most of day writing letters & changing our bills. C. kept to house all day but wouldn't allow me to order chickens

Cambridge

Ther 12°, 26° Friday, Mar. 14, 1919 Wea 7 air

Partly sunny but mostly thin cloudy. Coldest day for weeks albeit nearly windless.

Garden birds. A silent Song Sparrow rambling about flower beds under my Museum window; 30+ House Sparrows, gathered about poultry yard; 2 ♂♂ Bronzed Grackles in lilacs; 3 Blue Jays, silent & sluggish, sunning themselves in lilacs & Parkman apple tree; 2 Crows in jungle; 2 Hairy Woodpeckers (a small ♂ with pad and nape & a big ♀) and 2 (♂♀) Downies, visiting suet in catalpa & also digging holes in various tree trunks, spending all day about the place. Despite all this bird life I heard no spring voices besides those of the Grackles.

Spent most of day in Museum writing letters & changing our bills. C. rested in to see Dr. Cheney & returned with bad headache

Cambridge

Ther Saturday, Mar. 15, 1919 Wea

20°, 30° Fine

Clear, calm, frostily cold. Ground hard frozen last two mornings but thawing to soft muddiness in noonday hours.

Garden birds: 2 Chickadees & a pair of Downies visiting suet; Song Sparrows in flower beds; 3 or 4 House Sparrows; 6 Crow Blackbirds on ground in birch grove tossing dead leaves about; Crows cawing.

Spent most of day in Museum writing letters & cheques.
Lovey had another attack of heart failure while dressing this morning. Margaret found her unconscious on the floor & with Percy's help got her back into bed where she spent the day. Mrs. Baker engaged as nurse for her.
James Ryan & his wife taken to Concord by Percy (8.30 a.m. - 4 P.M.) to see the farm. They seem greatly pleased with it. I engaged them on their return.

Cambridge

Ther Sunday, Mar. 16, 1919 Wea

Stormy

Rain, hail or damp snow falling fitfully all day long from a gloomy leaden sky, through intensely chill air. Ground snow or sleet covered to a depth of an inch or two by nightfall.

Garden birds. a ♂ Downy visiting suet, an unseen Grackle calling, a mob of uncovered, bedraggled House Sparrows.

Spent most of forenoon in bed, of afternoon in Museum.
Lovey in bed all day. Alice Allyn called at 2.30 P.M. I played them records new to her & showed her the chickens. Harry Spalding came to see them later & was fascinated by them. Jess seemed ailing & one of them near death before we left it. C. & I lumbered & slipped together up stairs & hauled victrola & records in large hall after supper

Cambridge

Ther Monday, Mar. 17, 1919 Wea Dull

Peculiarly dismal day, dark cloudy, somewhat foggy, snow melting slowly from dripping tree branches & slippy streets & sidewalks.

No garden birds unless, perchance, a few House Sparrows but were these I failed to notice.

Spent forenoon asleep in bed, afternoon writing letters in Museum. No callers. E.R.S. still confined to bed with nurse Mrs. Baker in constant attendance. Anxiety on her account has told heavily on C. whose eyes & nerves have alike given out again discouragingly.

James Ryan began work here to day under Percy's supervision. Three chickens dead this morn. The rest apparently in sound health at sun

Cambridge

Ther Tuesday, Mar. 18, 1919 Wea Stormy

Weather much like that of yesterday but rainier, foggier, and much warmer, removing all trace of snow & ice from ground & trees are mightily fat.

Garden birds. Only a Downy & a few bedraggled House Sparrows.

Entire forenoon wasted in deep slumber before arising & dressing for remainder of day. My sleep, both day & night, is now, as it were, dragged like that I had earlier in this winter yet I am not now as then afflicted by incessant drowsiness.

Spent afternoon in Museum writing two letters & receiving a delightful call from Newton Macintosh who stayed with me almost an hour.

C. had another wretched day but was diverted ~~[illegible]~~ by the Polar Bears

Cambridge

Ther Wednesday, Mar. 19, 1919 Wea Stormy

Still another drearily rainy, misty, darkly cloudy day.

Garden birds. A Chickadee, a Downy & a few House Sparrows were all I saw or heard.

Rose at 10.30 a.m. and spent the rest two hours in Museum reading letters & talking with Percy & James. Similarly occupied thus for a couple of hours after lunch. Dr. Edsol & Dr. Horace Stevens came by appointment about 5 P.M. Dr. Edsol had the X ray pictures taken by Dr. Minor. He fails to see that these show indications of any very serious trouble with my teeth & advises me not to have the upper bridge work disturbed. He was here about half an hour. C. spent evening with me in lower hall talking etc

Cambridge.

Ther Thursday, Mar. 20, 1919 Wea Dull

Thin cloudy with occasional brief bursts of sunshine, almost no wind - mild temperature.

Garden birds. 2 Chickadees visiting suet; 3 or 4 House Sparrows; a screaming Jay; 5 or 6 Grackles in Jungle; a Fox Sparrow singing sotto voce; 3 Crows in lindens.

Up & dressed by 10.30. Spent most of day in Museum. Had long talks with Pearce, who came with one more (Fuller) to hunt Gypsy moth nests (finding only a few), and with Thelon who was replacing ball cocks in tanks where there has been leakage of late. Percy & James removed covering from frame revealing well-grown cowslip sprouts & a large frog who spent some time on a stone quite out of water. C. went to St. Paul's in a.m. the church & suppose together.

Cambridge

Ther 50° max — Friday, Mar. 21, 1919 — Wea Fair

Partly sunny but mostly cloudy with calm, mild air & a springlike look to everything out of doors. Our spiraea bushes by the grape arbor already showed the unfolding leaves and the orange blossoms sending up green shoots several inches long. The frog again out on the stone of the little pond

Garden birds. 288 Robins at sunset uttering prolonged laughing calls good to hear, as they flitted hither & thither, one in tops of linden 4 Chickadees, a ♀ Downy, 2 Jays & 2 Grackles besides usual mob of House Sparrows about poultry yards.

Spent forenoon in bed afternoon in garden & Museum. Jack O'Brien called selling an loan of $5.00, which I refunded. Tirey bought 2 doz. more chickens while Cephas was this time.

Cambridge.

7 Ther — Saturday, Mar. 22, 1919 — Wea Fair

Thin cloudy, windless, cool but not frosty.

Grass very green on Boston lawns Cica Tolet but not so on Cambridge ones as yet.

Garden birds A Robin Blue Jay, Hairy W. Small ♂), Downy ♂, Flicker 30+ House Sparrows.

Up & dressed by 10.30 and spent most of day in Museum, writing in food letters. Walked around garden & thru' jungle with C. This slight exertion proved almost too much for me, bringing on depressing nausea & giddiness. Apparently I have no more than held my own for the past month. C. walks now in health as coming in. We talked over old times

Cambridge

Ther Sunday, Mar. 23, 1919 Wea Raining

Raining morning followed by thin cloudy afternoon. Air calm, mild, spring like. Grass showing rather bright green in ones or two places along Brattle Street. Crocuses & snow drops passing; Squills coming on.

Garden birds - A Robin singing sotto voce; 2 Chickadees at suet; 2 White br. Nuthatches (presumably mated pair) & 2 ♂♂ Downy Woodpeckers in Olmy elms; 7 Juncos, Jay, Grackles & House Sparrows in jungle.

A day of many callers. Pres. Eliot came at 11.30 anxious of C. about E.R.S. Harry Edelman at 11.30 bringing two children to see Chickens. Dick Davis & Mr. Stevens in late P.M. Robert Jackson at 8.30

Cambridge First Honey Bees.

Ther Monday, Mar. 24, 1919 Wea Fine

46° max.

Clear & cool with rather strong northerly wind. Honey Bees by scores at Squills by Mine. Garden birds A Robin singing sotto voce; 2 Chickadees & a ♂ Downy visiting suet in Catalpa by Museum; a White br. Nuthatch also came to but did not touch it; 5 Goldfinches in Pirate Grove eating seeds of white berries & calling to one another cheerfully in sweet, subdued tones; a silent Tree Sparrow & 7 Juncos; 8 Brown Grackles carrying off bread crusts from our feeding yard.

Rose at 10.30. Spent most of day out of doors working a little & standing about a lot in the Garden with Percy & Jones. Alice Stern & Mary came to see us at 11 a.m.

Cambridge

Ther Tuesday, Mar. 25, 1919 Wea Fine

Brilliantly clear, almost perfectly windless, seasonably warm. Very delightful day of early spring type.

Garden birds. Fewer than yesterday, both in numbers & variety, despite better weather conditions. Thus I noted only a Robin; a of Downy; a Hairy (heard); a Flicker *, several Grackles; usual mob of House Sparrows.

Rose at 11.30. Spent remainder of forenoon in Museum & most of afternoon in garden raking & other chores & helped put up some fowling coop. Percy had his young chickens out on lawn for hours

Cambridge. First Robin song.

Ther Wednesday, Mar. 26, 1919 Wea Fine

First trilling of Gray Toads. Fine

Clear, calm, very warm. A Butterfly & countless honey bees about flowers in front of Museum. Robin in full song for 2 or 3 minutes at sunset. Last night, at 9 heard not just what kind but probably about midnight a Garden Toad singing twice presumably in the pond in front of Museum. The phoebing seemed come very plainly to my ears thru an open window of my room

Garden birds. Robin 2 (1 at eve); 2 silent Tree Sp.; 2 Chickadees; 2 (♂♀) Downies coming to suet; several Grackles, a Flicker

Spent most of day out of doors in Garden, raking a little, pruning a good deal. It did me lots of good.

Cambridge

Ther Thursday, Mar. 27, 1919 Wea Dull.

Thin cloudy, calm, mild. Shrubs of various kinds including roses, spirea, Parkmans apple, syringa etc. have already unfolded tiny leaves. As far as vegetation goes to show it is one of the earliest springs I ever knew.

Garden birds. Awaking at daybreak I heard 2 Robins in full, continuous, delightful song - kept up almost without pause for the next fifteen minutes. Shortly afterwards I saw 2 male Robins on ridgepole of a neighbor's (Mrs. Brown) house. No birds saw House Sparrow seen in garden during day. Rose at 11. Spent most of hours in Museum. Walked to & from with me 12-1. Hoeing a little in garden in P.M.

Cambridge

Ther Friday, Mar. 28, 1919 Wea Stormy

Rainfall, beginning sometime last night, continued thro most of day changing to snow in late P.M. when the temperature fell & settled suddenly to about 32°, this being the lowest we have had for a week or more. I hope it will not kill the many unfolding leaves such as cover the bushes in front of house with tender green foliage.

Garden birds. A Chickadee & 2 ♂♂ Downies coming to the suet; a bedraggled looking Blue Jay; a mob of House Sparrows; Crows cawing near.

Spent most of day in Museum. Wrote afternoon letters. Roland Hoxsie called in late P.M. staying almost one hour. James' last day here

Return of winter — Cambridge

Ther — Saturday, Mar. 29, 1919 — Wea

20°, 25° — Stormy

The N.W. wind blew a fresh gale through last night & very heavily all of to day. Ground snow covered to depth of inch or so at daybreak. Air filled with driving snow flakes thro most of day. Coldest day of entire month.

Garden Birds. 3 Robins, a Chickadee, a Song Sparrow, 4 Tree Sparrows, about 20 House Sparrows, a Jay, a small & Hairy, 2 or 3 Downies (one making a long, prolonged whinnying-like rattle as it sailed past me on set wings), 15 + Brownies carrying away crumbs of bread from feeding yard. Spent most of forenoon in bed, & afternoon in Museum. Dr. Edwin Boelle came with Dr. Stevens at 4.30 P.M. in hopes we could professionally & likely have him thoroughly.

The Rogers manuscript

Cambridge

Ther — Sunday, Mar. 30, 1919 — Wea

Garden full of birds. — Stormy

Cloudy & intensely chilly but snow on ground melting fast. Calm air filled with flights of snow flakes drifting hither & thither, day altogether a dismal winter's

Garden birds — lots of them. 2 Robins, a Chickadee, a White-br. Nuthatch (in catalpa), a Song Sparrow, 8 Tree Sp. (one singing a little), about 20 House Sp., a Jay, 22 Crows, Blackbirds (counted accurately) a pair of Hairy Woodpeckers (both very big ones), ditto of Downies (all four birds seen more together close to Museum). 2 Crows in jungle.

Rose at 11.30. George Dunn called on me at 3 P.M. & Harry Spilman at 5.30. I called on Alvord (6–7 P.M.)

Cambridge

Ther 40° Monday, Mar. 31, 1919 Wea Dull

Continued cloudy & chilly but somewhat warmer weather. More snow fell last night & we looked again on a white world this morning but the ground was bare, almost everywhere been wiping.

Garden birds. A Chickadee, a Nuthatch calling wot-wot-wot in Catalpa by Museum, a Song Sparrow & 3 T. of Sparrows feeding on millet seed thrown out for them, a T. kept "shouting" at intervals in the jungle, two Crows perching there

Up & dressed by 11.30. Wrote letters in den until 1 P.M. Gallowpe came out at 3 bringing all the quarterly Chiropractor rec to sign. He stayed until 4.30. Dr. Cheney came at 5.30, to tea C.

Cambridge.

Ther 40° Tuesday, April 1, 1919 Wea Fair

Partly cloudy but mostly sunny. Light, chill northerly wind. Vegetation apparently wholly unscathed by recent frost & snow. Unfolded leaves of Spiraea & other shrubs quite perfect; squills in bed front of Museum making a very handsome show; several lawns in this neighborhood intensely green.

Garden birds. 2 Robins, 4 T. of Sparrows (seen by Percy), 6 + Grackles, 20 + House Sp., 9 Doves.

Rose & dressed at 11. Gilbert motored me to Harvard Sq. at noon to keep appointment with young Dr. Anderson. He began a surgical treatment of my teeth & gums with oxygen & boracic acid spray, keeping at it for 1/2 hour. It had at once an invigorating effect which has lasted ever since. Thanks to this I worked steadily all P.M. receiving 6 or 7 letters without fatigue. Dr. Stevens called this eve.

Cambridge

Ther 10° Wednesday, April 2, 1919 Wea Fair

Thin cloudy with occasional gleams of sunshine, little or no wind, & keen, frosty air. One of the coldest days we have had for weeks. Ground hard frozen.

Garden birds. A Nuthatch & a pair of Downy Woodpeckers in our driveway elms; a Fox Sparrow & about 10 Grackles, with 2 Crows, in the Jungle.

Up & dressed by 10-30. In Museum for rest of 2 hours. There again in the afternoon when Outram Bangs & Fred Kennard came in. Look at birds & chat with them for an hour or more. Soon after they had gone Dr. Loaiza appeared. He was with me until 6 P.M. He took another blood sample & talked chiefly about Indian arrow heads which he collects.

Cambridge

Ther 24° Thursday, April 3, 1919 Wea Fine

Brilliantly clear & frostily cold with light but keen northerly winds. Ground hard frozen as yesterday. The repeated heavy frosts seem to have little or no injurious effect on early vegetation. Our bed of squills in front of Mastodon is now at its best & very beautiful to behold — a perfect carpet of intermingling coerulean & green.

Garden birds. A silent Robin; 4 Chickadees at suet; 2 Juncos, ♂♀, the ♂ singing freely; 8 Fox Sparrows one or more ♂♂ in full, glorious song at intervals throughout day; small ♀ Hairy Woodpecker, very tame, working busily at trunk of dead Sassafras; 6 Crows on wing; 2 Jays screaming; a dozen Grackles, 20+ House Sparrows.

Rose at 10 A.M. Spent day in Museum & garden planting roses & helping children with Percy Gilbert motored to Concord

Cambridge

Ther. 40° Friday, April 4, 1919 Wea 7 a.m.

Drizzling rain in early morn followed by light cloudy forenoon & partly sunny afternoon. Warmer

Garden birds. A Robin, 2 Juncos, 4 Tree Sparrows (one singing divinely), a Nuthatch, ♀ Downy, very small ♀ Hairy, 2 Jays, 4 Crows, 28 + House Sparrows.

To Harvard Square by motor at 11 a.m. for second treatment of my teeth for Riggs' disease, by (young) Dr Andrews. It so exhausted me this time that after getting back (at 11.40) I had to lie down until luncheon.

After that came Edwin to talk over plans for a Memorial tablet for Alumni soldiers at Wolfeboro. He stayed about an hour. I walked a little with Percy in garden in late P.M.

Cambridge

Ther Saturday, April 5, 1919 Wea Stormy

Drizzling rain storm with chill air but comparatively little wind.

Garden birds. A silent Robin; 4 Tree Sparrows (one singing a little), 2 Blue Jays; several Grackles & Crows; a Flicker (shouting freely); about 15 House Sparrows.

Rose at 11 and spent remainder of day mostly in Museum writing a few letters & cheques for bills, reading a good deal in old time diaries & journals many of whose entries concern matters quite forgotten or but half remembered although there are others still as fresh in my recollection as if they had happened only yesterday. The perusal of these ancient records gives me much pleasure during my present ill health.

Cambridge.

Ther 46° Sunday, April 6, 1919 Wea Fair

Thin cloudy, windless, rather cool but not chilly.

Garden birds. A Robin a Tree Sparrow & a Flicker in full song in early morning & again towards evening. Several Grackles in Jungle. Hairy W. heard there & a Sparrow Hawk (calling many times) somewhat further off & apparently in the Horsefords grounds.
Percy tells me that while on his way here early this morning he heard Robins singing almost everywhere between Oxford Street & our place. I probably heard more than one while lying in bed at daybreak.

Spent most of day in Museum working letters.

Took walk outside around our grounds with C. in P.M.

Cambridge.

8 Ther Monday, April 7, 1919 Wea Fair

Mostly cloudy but with bright sunshine fr. 2 to 4 P.M. Warm & windless all day. Rain at nights.

Garden birds. Robin in full song at morn & eve, Tree Sparrows & Juncos at intervals all day, Flicker & Blue birds about 3 P.M. Heard the Bluebird repeat his song five or six times, not far off. It seemed to come always from the same direction & distance but he may have been one wing. In late P.M. heard a Downy & a Hairy W. calling in the Jungle. A few Grackles there now & then.

To Harvard Square in Food Car 11 A.M. Dr. Andrews (Junior) filled a tooth & gave me a third treatment of oxygen-boracic acid. This had again a revolting effect but less than the last. Spent P.M. in Museum & garden doing nothing.

Cambridge

Ther 58° Tuesday, April 8, 1919 Wea Fine

Cloudless, windless, seasonably warm. Grass very green, vegetation in city lawns, Squills in front of Museum making wonderous show.

Garden birds. 2 Robins singing all morn & eve; a silent Song Sp. & twittering ♀ Junco; ♀ Downy & very small ♀ Hairy; ♀ Flicker; 12+ Bronzed Grackles one of them ♂♂ with a single white feather in his wing praying courts to a ♀ with his plumage all puffed out, his wings & tail half spread, his body & head flattened to ground as he seemed to be drawn slowly over it close after his inamorata. All this, Bangs said & illustration was new to me. Chauncey Smith flew

Spent latter part of forenoon in garden with Percy, afternoon afternoon in Museum with Outram Bangs. C. laid up with sworn head ache. Dr. Stevens called to see me at noon

Cambridge. Mt Auburn birds

Ther Wednesday, April 9, 1919 Wea Fine

Clear with warm sunshine and fresh, keen easterly wind.

Garden birds. 2 Robins, a Song Sp., 1 Sparrow Hawk Sp., 15+ Grackles, ♂♀ Hairy W. both very small & tame. 2 Blue Jays, sev. Crows.

Mt. Auburn birds. a Robin, 2 Song Sp.*, a Phoebe (under & about bridge over old stream (sea), Red wing Blackbird (♂ singing at pond to W. of tower) 5 Flickers widely scattered, in full song one over Henry Purdie's grave; & or 10 Crow Blackbirds, 2 Starling. The little pond where I used to trap Muskrats still retains something of its old time aspect. Besides the Redwing & a Song Sparrow, a couple of Frogs were singing there & 2 pairs of tame Mallards swimming about. Gilbert motored me to Mt. Auburn at 11 & to Harvard Square at noon. Spent P.M. in garden & Mrs. Mary Cunningham walked up to see them.

Cambridge.

Ther Thursday, April 10, 1919 Wea Dull.

Cloudy & very chilly with light easterly winds.
The early Horse Chestnut in front of the Old Choate House on Brattle St. had unfolded several of its leaves to-day at an earlier date than I have ever known this happen before. All its buds were bursting open, some few leaflets were showing 5 or 6 inches long by 2 or 3 broad. Our European Beech twiled in twilight green foliage. Baccharis in full bloom

Garden birds. A Robin, Jay, Downy W. (heard) several Crows, about a dozen Grackles.

Rose at 11. Walked up Brattle St. to Nichols place (12.30-1.). It is again offered for rent according to a sign board there. Spent most of afternoon in Museum. C. better after 3 wretched days. Dan Francis telephoned from Boston this morning & P.M.)

Cambridge

Ther Friday, April 11, 1919 Wea Dull.

Cloudy & mild with high, warm southerly wind such as is commonly the precursor of heavy rain. Vegetation advancing fast. Grass intensely green everywhere.

Garden birds. 2 Robins ♂♀; 12+ Grackles; 12+ House Sparrows; a Jay; Crows & a Downy W. heard.

Up & dressed by 10.30 a.m. Spent most of day in den & Museum reading old journals & other record books.
Dan Francis called by appt at 3.30 & left at 4.20 to take 5 P.M. back to New York. He left there day before yesterday to visit Chatham. He is looking old & careworn.
In late P.M. I walked up to see the Spelman house & called at the Alling's on my way back. C. had another bad day but the Dan.

Cambridge

Ther Saturday, April 12, 1919 Wea Fair

Mostly sunny but partly cloudy. Soft & warm with light westerly wind.

Garden birds: ♂ & ♀ Robins (the ♂ singing freely & delightfully at noon & etc); ♂ Juncos (singing); small ♀ Hairy W. & white ♂ & ♀ Downy; a dozen or more Grackles & House Sparrows; a single Jay.

Rose at 10.30 & motored to Harvard Sq. in time to keep an appt at Dr. Andrews at 11.30. He treated my teeth for the fourth time with his oxygen - boracic acid spray. It made me feel better for an hour or so but on the whole I had a poor day beginning with a brief attack of active nausea at 6 A.M.. Spent part of P.M. in garden pruning shrubbery. Called at Beale's Greenhouses this morning & got 12 plants of [illegible]

Cambridge

Ther 50° Sunday, April 13, 1919 Wea Fair

7 crocuses Claytonia & Hepatica in bloom.

Mostly thin cloudy with occasional gleams of sunshine & one light shower. Almost windless, very soft & warm.

Garden Birds: a tame, silent Hermit Thrush at poultry yard & on roof of hen house; 2 Robins one singing most delightfully in the old elders at daybreak & again in the morning twilight; 2 Jays; a Fieldfare (heard across Sparks St.); several Grackles.

Rose at 10 & went out to Museum intending to write letters there but Harry Spelman & his son, Henry, appeared almost at once & stayed until nearly dinner time. In afternoon I did get at the letters but finished only two.

Three weeks ago yesterday Percy "set" a hen on 12 Bramha eggs bought in town for 2.00. She began hatching to-day but we have not yet learned whether just what, whether

Cambridge

Ther Monday, April 14, 1919 Wea 7 am

Blood root blooms

Clear & cool with light westerly wind.
Blood root in bloom, Marternsia almost " "

Garden birds 3 Robins (♂♂♀); (2) Song Sparrows (1 ♪); a Flicker ♪; (♂♀) Hairy Woodpeckers (both small ones); (2) Doves; half a dozen or more Grackles; a mob of House Sparrows; 2 Jays, sev. Crows.

Rose at 11, read the morning papers & letter, breakfast at 1, slept most of afternoon but did a little pruning in the jungle & made a short call on Walter Deane after 6 P.M. Had supper with E. in her chamber & afterwards called on E. R. S. in hers. So has passed another day of absolute helpless inactivity. For I am still giddy & nauseated most of time.

Cambridge. Telephone services completely paralyzed by strike of all N. E. operatives.

Ther Tuesday, April 15, 1919 Wea 7 am

Partly cloudy, largely sunny, cool, keen easterly wind in P.M.

Garden birds 3 Robins (♂♂♀); a Song Sparrow, ♂ ♪; a Flicker ♪; ♂♀ Hairy (both small); a Downy (hd), a Blue Jay, 8 + Grackles, Crows (hd).

Rose at 10 A.M. To Harvard Square by 11. Had hair cut at Marks (he himself ill at home, however) and then went to Dr. Anderson's office to have my teeth again treated with oxygen-boracic acid spray. Home by 12.45.

Spent much of afternoon working in garden with Percy or rather directing his work for my share in it was trifling. He was transplanting things to the perennial flower garden from which we removed everything last autumn in order to work the ground over thoroughly

Cambridge

Ther 46° Wednesday, April 16, 1919 Wea Stormy

Dark cloudy with strong, intensely chill N. E. sound and heavy rainfall most of which came in the afternoon and evening. Altogether a very dreary day.

Rising at 11 a.m. I read until luncheon time & after that settled at my desk in Museum for a long afternoon's work at writing checks for bills, letters etc. But this task had scarce begun when Judge Abbott appeared & lighting one of my cigars settled himself for what proved a long call. Much as I enjoyed it it finally tired me so that I had to tell him others he left at once. We talked mostly about school matters, as W. C. motored in town by Gilbert to see Dr. Cheney as usual. He reports favorably on his eyes.

Cambridge - Boston.

Ther Thursday, April 17, 1919 Wea Dull

Cloudy & somewhat misty but without rainfall although the streets & sidewalks were wet all day.

Garden birds a Robin ×, a Tinkler ×× 4 or 5 Grackles, a few House Sparrows.

Rose at 9.45 and motored in town with Gilbert to keep an appointment for 11 with Dr. Cheney. After subjecting my eyes to examination more elaborate & prolonged than any they have had before he prescribed reading & distance glasses somewhat different from those I have been using & combined as "bi-focals." This prescription I took at once to Mr. Glines at Richson & Smith's. Home by 1 P.M.

John Nichols & Herman Haupt called at 2 P.M. & stayed about 20 minutes. Both looked very old. John is almost totally blind.

Cambridge.

Ther Friday, April 18, 1919 Wea Fine

Clear with light, cool westerly wind.
Throughout Cambridge Forsythia is now in bloom & shrubs of various kinds are unfolding tender green leaflets but the lilacs have not as yet quite burst open their smaller buds.

Garden birds. 3 Robins (♂♂♀), a Flicker ♂, several Grackles, rather many House Sparrows; Bluebird, cackled

Rose at 10.30. Gilbert motored me to Harvard Square to keep an appointment with the younger Dr. Andrews who gave my teeth a final treatment of oxygen - boracic acid gas. This seems to have done much good
Called at Cambridge Savings Bank to withdraw $1000. of my deposit & with it purchase a 4 3/4% Liberty Loan 1st 2-Pound.
Gardening with Percy in P. M.

Cambridge.

Ther Saturday, April 19, 1919 Wea Fine

Brilliantly clear with light cool westerly wind.
Vegetation pushing ahead. Lindens & maple leaves unfolding. Squills past their prime. Bloodroots in full bloom.

Garden birds ♂♂♀ Robins flitting hither & thither together with happy calling, the males in full earnest song at morn & eve; 6 or 7 Grackles taking bread from hen yard; many Sparrows & half a dozen blue Pigeons similarly employed; a ♀ Downy & a very big ♀ Hairy Woodpecker pecking at dead tree trunks in jungle. a Flicker shouting; 2 Crows; small flock of Bluebirds ♂♀ flying low northward (S. pennis & thoreti)
Rose at 10.30. Spent most of day on Andrews waiting & in garden with Percy. The House Sparrows called all morning. Towhees Grackles all in P. M. I felt Thor not too well, being attacked

Cambridge

Ther 62° Sunday, April 20, 1919 Wea Fair

Forenoon sunny & warm; clouds & altoning in afternoon. Vegetation advancing fast. Parkman apple tree dense with foliage.

Garden birds. Robin ♂♂♀; Hermit Thrush 1 silent, on ground in lilacs & about Museum; Ruby-crowned Kinglet ♂ in full song in lilacs 3 P.M.; Chippy 1 ♂ in Hubbard Park; Downy & Hairy W. heard calling; Flicker ♂; half a dozen Grackles, 2 Jays; 2 Crows; a dozen or more House Sparrows.

Rose at 10.30. Spent most of day in Museum. Miss Allyn called on me at noon, Dick Edna in mid afternoon. I called on Mrs Brown at 6 P.M.

Cambridge.

Ther 65° Monday, April 21, 1919 Wea Fine

Brilliantly clear with strong cool wind in early morn but scarce a breath of moving air during remainder of this glorious day. Vegetation advanced rapidly & by sunset green foliaged just unfolding or unfolded draped many, if not most, of the trees & shrubs within our grounds.

Garden birds ♂♂ & ♀ Robins, a Ruby-crown Kinglet ♂ (seen & heard singing by Percy Harris); a Goldfinch (heard calling shrilly, apparently in lilacs in jungle); several Grackles, a Chippy singing; a Downy & a Hairy calling; 2 Crows on wing.

Rose at 9.30 & spent most of day in Museum getting things together & some put away preparatory to going to Concord as I hope to do to-morrow. Also spent some time with Percy in garden.

Cambridge-Concord

Ther Tuesday, April 22, 1919 Wea
First dandelions Perfect

Brilliantly clear. Fresh, cold N. W. wind in A. M. P. M. dead calm, the sun warm.

Garden birds, Cambridge. 3♂ Robins, 2♂♂ Ruby-crowns (seen & heard by *Percy), 2♂ Pine Siskins & an ad ♂ Goldfinch (in black & yellow pl.) feeding in oat Eng. Sparrows, 9-10 A. M.; 6 Grackles; Downy heard; Chippy*

Gilbert & I started for Concord at 11 A. M. taking the usual route to Lexington & thence the State Road which was thronged with swift moving cars passing us on their way to a parade at Camp Devens. Broke my glasses & stopped at Concord village to repair them. Reached Farm at 12.30. Spent most of P. M. strolling about near house. Robins & Song Sparrows sing. 3 Red-shouldered Hawks soaring & screaming - Saphueter in oak behind barn.

Concord Hylas & Toads.

Ther Wednesday, April 23, 1919 Wea
Perfect.

Brilliantly clear and dead calm until mid afternoon when a light easterly wind began blowing. Clouds gathered along eastern horizon at sunset.

Birds singing well throughout whole forenoon. These included Robins, Song Sparrows, Ruby-crown Kinglets, Yellow-rump & Yellow Palm Warblers, Hermit Thrush (far off towards Birch Field), Fox Sparrow, Cow Bird (in dooryard elm), Red-shouldered Hawk screaming & plunging down. Hylas & Garden Toads in full cry last evening & Thos. Bancroft antiopa & Yellow Fish Butterfly on wing. Half a dozen or more dandelions in bloom yesterday. Forsythia in full bloom all the way from Cambridge. Peach in front of farm house glorious to behold. Tried to do a little gardening but had nervous collapse & spent most of day in bed.

2 Deer in fr. of house. Concord.

Ther Thursday, April 24, 1919 Wea
♀ Downy W. drumming. Stormy

Dark cloudy with chill N.E. wind. Raining steadily from 2 P.M. to dark.

Birds not much in evidence. Robins & Song Sparrows singing all day, Vesper Sparrows & Bluebirds in mid P.M. ♀ female Downy drumming long & loud at brief intervals 9-10 A.M. in oak grove near barn.

About 3 P.M. I was sitting in our S.E. bedroom when Gilbert called my attention to two Deer one apparently a big buck with horns, the other a medium sized doe. Together they entered a patch of winterrye (now a foot tall) in front of house & daintily browsed the fresh & thrifty taking only a few mouthfuls altogether. Then the doe bitten the buck playfully & he chased her up the [illegible] Spent most of day in house fancying left out strawberry plants

Smoked a pipe to-night - first time since last November.

Concord

Ther Friday, April 25, 1919 Wea
Fair

A bitter wintry day with an icy N.W. gale blowing ceaselessly. Much the same kind of a day as April 19, 1875. Water frozen in the poultry yards last night. Tender vegetation looking wilted. Several peach trees in full bloom. Plum, fruit buds showing white though not quite open.

Spent forenoon by the morning room fire writing letters. In P.M. went to & through Cedar Park with James who cut a lot of birch sprouts to send to Camden Ops for pea brush. Heard a Chickadee, three & saw a Song Sparrow in front of house but not another bird of any kind came beneath my notice. They must all have sought the most sheltered places & remained there.

3 Deer in our rye. Concord

Ther Saturday, April 26, 1919 Wea
26° Hard freeze Fair

Partly sunny, mostly thin cloudy
Strong, chill N. W. wind.
Surface of ground & of shallow
ponds hard frozen at sunrise &
in places this day. Much damage
to vegetation. Many herbaceous
plants & unfolding leaves of trees
& shrubs wilted & blackened.
Even the hardy lilacs suffered
thus but apparently not the
apple trees. Early peach blossom
doubtless ruined.
Many tiny nests of Tent Caterpillars
visible yesterday & to day.
Two Chickadees in Carlson Park,
several Juncos in a thicket patch
& a few scattered Crows were all
the birds noted by me - except a
silent ♂ Bluebird in our hen yard
& a Robin heard singing as usual.
Jarvis saw a buck Deer & 2 does
leave our rocky rye at 8 a.m.
He caught a Skunk at the hen yard
last night by setting a horse hair
noose for him. I walked about to
Pulpit Rock in Ch. & to Bungalows on

Concord

Ther Sunday, April 27, 1919 Wea
64° max. Jury cons examined & condemned by Dr. Rose. Fine

Brilliantly clear, almost totally
windless, comparatively warm.
Plum trees in full bloom.
Farmer neighbors report very
serious damage by frost of yesterday.
One claims a loss of $400 in
asparagus almost ready to cut.
Others think the apple crop ruined
which I doubt.
With this delightfully sunny &
warmer weather bird life resumed
somewhat but not largely its
former status. A Robin & a Chippy
were singing & a Downy drumming
near our house. A merry party
of 5 ~~flocking~~ Tree Swallows also
reappeared as did a silent Phoebe.
In Carlisle I heard 2 vesper
Sparrows in full song.
Dizziness, nausea & nervous exhaustion
combined to give me a rather mean
day. My morning walk extended
only the length of the lawn. In P.M.
I ~~motored~~ to Chester Downs but he
was not at home. Garfield &
Smith Dexter called on me.

Dr. Rose examined our jury cons. & the subsequently has left by express for Lexington

Concord.

Ther Monday, April 28, 1919 Wea Fair

Early morn sunny: remainder of day cloudy with fresh, soft S.W. wind which brought light rain at evening.

A pleasing bird concert at daybreak & for several hours later. The Fieldsparrow 2 Robins, 2 Chippies, a Song Sparrow Purple Finch, Vesper Sparrows and Chickadee, a Peabody bird, 2 jays, a Cowbird, a Pheasant & several Crows all contributed to its more or less fragments.

Yesterday I saw a Tree Swallow take a large white feather into the box front of house; to-day she took several of them. This must mean that she has already built & is lining her nest.

To day has been my best day for months. In A.M. I strolled all over the place, in P.M. pruned raspberries & weeded flower beds for 2 hours without much fatigue.

Concord.

Ther 50.-62° Tuesday, April 29, 1919 Wea Fair

Partly cloudy, mostly sunny. Strong, cool N.W. wind, harsh to be out in albeit not really cold. Half a dozen dandelions & a few tulips in bloom front of house.

The chill northerly wind silenced most of the birds & also drove them to sheltered places so that few were to be seen or heard anywhere about the Farm. In the run near the red fence a Brown Creeper was singing at short, regular intervals when I passed that way at 9 A.M. His sweet, clear voice alone broke the silence there. Somewhat lower down the run I flushed a handsome cock Pheasant in dense cover. In the lane 4 young Red Squirrels ½ grown were having a merry game of romps in & about a hollow apple tree, another older one in our wood shed was pilfering & eating sweet seed corn in a cage covered vault cellar room. I had fine good exercise & pruned raspberries for an hour in P.M.

Concord

Ther 45°, 64° Wednesday, April 30, 1919 Wea Fine

Clear with light westerly wind changing to easterly in P.M. Cool in morning & eve., warm at midday. Phlox subulata, Tulips, Cherry, Peach & Plum trees & a few Dandelions, in blossom. Black flies troublesome.

First Black thr. Green & Nashville Warblers, one of each, former singing in tree, latter in trees near house, at 2 P.M. Robins in normal summer numbers. 2 F. bellies flouting. Pair of Song Sparrows settled in front of border. 2 Chippies singing. One Yellow rump. 2 Goldfinches in swinging pl. in apple tree feeding busily among its opening fruit buds.

Brown came this morning to do a lot of transplanting but I did not feel quite up to it so went into house. Next day I was out of doors about F. arm & in sun much of day. James brought 14 hens & a rooster. R. I. Reds. Why Lord & 1915

Concord

Ther 34°, 64° Thursday, May 1, 1919 Wea Fair

Early morning clear & cool, everything white with hoar frost. Most of forenoon sunny; afternoon cloudy & warm with fresh southerly wind.

Delightful bird music, through much of forenoon, contributed mostly by Robins, Song Sparrows, Chippies, Purple Finch, Tree Swallows, a F. belly, Nashville & Yellow rump Warblers. A pair of Silent Bluebirds at box on carriage shed. One of them entering it. Tree Swallows taking feathers into box on barn house. F. belly feeding inside hole in big apple tree near house overhead. Brood of H. sparrows romping delightfully in & about hole in apple tree by barn.

John Brown left a mean hen this morning to work all day. He himself came for afternoon. I was with them more of time to have in all. Got very tired but nothing more. Gilbert went to Cambridge & brought back 96 chickens for Tuesday.

Concord

Ther 74° Friday, May 2, 1919 Wea Mixed

Heavy rain last night. Cloudy foggy, windless morning. Sun out by 11 & shining steadily later. Afternoon of summer like warmth with fast unfolding leaves & blossoms. Some cherry trees masses of white & many peach trees masses of rose, are nightfall.

First Brown Thrasher singing gloriously in dense cow lane, 9 a.m., afterwards running Robin title on lawn. Hermit Thrush; Thirty-second one, singing near Pulpit Rock at 9.4 a.m., in rain near red pines, 10 a.m. Very little change in local bird life for past three days. There should be a rush of migrants by to-morrow, however.

Walked to Richie place 9-10 a.m. James & George hilled & harrowed over Jersey cow in Peach Field. We all worked on chestnut post in P.M., when Sexton called.

Concord

Ther 72° Saturday, May 3, 1919 Wea Fine

Brilliantly clear with strong westerly wind. Cool at morn & eve, warm this day. Vegetation advancing fast. Shad bush in bloom at sunset.

First Chipping Sparrow, heard at evening, apparently after off eastward. This the only arrival noted. Local birds same as for week past. They sang enhancingly all afternoon. By lingering north-bound migrants I saw a Junco in mullein field, a Yellow-rump & Yellow Palm Warbler together in apple orchard & heard a Peabody bird sing.

Spent most of day out-of-doors near house superintending work of James & George. First thing finished children found in cherry orchard. Afterwards James worked in vegetable garden, George in new flower beds. I am not so much better & stronger now than when we came here a week ago.

Sharp-Shin Hawk Concord

Ther 72° Sunday, May 4, 1919 Wea Fair

Small Orch. oriole

Early morning cloudy & misty following a rainy night. Most of day sunny & warm with easterly winds & gathering clouds at sunset. Shad bush & peach trees in full bloom.

First Veery (silent bird running in flower bed 8 a.m.), Minotilta, Ulsna Warbler, Solitary Vireo, Towhee. Small flock of Bobolinks in Williams apple tree, feeding terminal fruit buds, included the Ulsna W., 2 Nashoaks, a Yellow-rump & a Yellow Palm.

At 9 a.m. I noticed a handsome blue-backed Sad. Sharp-shin Hawk perched within 2 yds. of the bird bath. Jasper attempted to shoot him with my 22 cal. rifle but it misfired. The hawk bathed again at 9.20, perched in tree by barn & then in elm. Jasper tried for him again but the rifle again misfired. Not a bird in sight or hearing while he was here. At the Tiger was in their nest. Felt mean all day. Motored to Lexington after dinner.

Concord. First apple blossoms.

Ther 82° Monday, May 5, 1919. Wea Fine

Big bird wave arrives

Bright sunshine & strong southerly wind combined to produce an oppressively warm & somewhat dull day, noteworthy for the great & sudden increase of north-bound or local birds. From sunrise to sunset they swarmed by scores or hundreds throughout our orchards, shade trees & bordering woodlands. Day after reports them equally abundant about Concord Valley. Thrush & Kea the noted fifty species. Rarely have I known a more sudden & considerable increase. My observation of it was, however, limited to what could be seen & heard during half an hour, just after breakfast, along the Lane, in Cedar Park & close about the house. For it was one of my busy days, spent most in bed. Daytime was from 9.30 to 12 but I saw hardly a bird in afternoon. The sport at Fairhaven Field & Baker Hill.

Concord

Ther 62° max. Tuesday, May 6, 1919 Wea fine

Brilliantly clear with light cool east wind. Many apple blossoms opened or overspreading the trees with conspicuous rosy pink buds. Shad bush at its best. A scattering of golden dandelions all about the house.

First Tanager; ♂, seen my house 3 ♂♂ Rose Br. Grosbeaks together in oak over lane feeding among its opening buds & uttering awkward call note only.

Obviously most of the north-bound migrants that so flooded the whole country yesterday passed on last night & were not replaced by many if any new comers to-day. There were, however, some Peabody Birds still lingering. One song bird & ceaselessly all the morning.

I was out of doors no less than 7 hours superintending & participating in Brown & George & Sidney mowing in a cheque mowed by them from Hill to Hill.

Concord.

Ther Wednesday, May 7, 1919 Wea Dull

Dark cloudy, calm, cool & very chilly with a little misty rain every now & then. Retarded by these conditions vegetation made no appreciable advances. Only a few apple trees have many unfolded blossoms. Some peach & plum trees beginning to shed their. Marsh Marigold passing out of bloom.

Ten or a dozen Warblers, quietly. Yellow rump & Ulnea, visited our dooryard elms at breakfast time & later the orchard trees & then along the lane. I saw no other north-bound migrants & heard but little bird music.

A Robin relinquishing worthless grass a neat conformant of horse behind goose meat; in which going on round last summer.

Brown saw a large Hawk perched on wire mesh top of our chicken yard yesterday. Spent much of day in house. Walked around Barry Pond, in P. M.

Concord

Ther Thursday, May 8, 1919 Wea
First Bat in Shed. Perfect

Brilliantly clear with gentle westerly breeze. Cool at morn & eve just agreeably warm this day. All nature at her loveliest with opening buds, tender green leafage & white, pink & yellow blossoms wherever one looks about this old New England farm. The apple "blow" especially charming although not as yet near its best. Dear dooryard paved with golden dandelions in the greatest profusion.

First Maryland Yellow-throat. Not many north-bound migrants. One handsome Magnolia Warbler in Cedar in Lane. Local birds singing freely & delightfully most, of course.

I spent entire day close to home & mostly in dooryard where Gray worked on flower beds. Gibbett & Jane put in mosquito screens & did various other things

Concord

10 Ther Friday, May 9, 1919 Wea
Dull

Thin cloudy & cool with light easterly wind. Vegetation again at Stand-Still. Only a few apple trees in full bloom as yet.

First Bobolink singing on wing & a few. A small flock of north bound migrant Warblers spent entire day near our house sometimes in blossoming apple trees oftener in tall oaks at rear of barn; 2 Ovenbird Warblers & a Magnolia Song-friendly, a Nashville but no. The Magnolia seen repeatedly around rose & white apple blossoms. There were also 2 ♀♀ Yellow-rumps.

The Hermit Thrush, at Pulpit Rock, & a Thrasher in Cedar Park were singing gloriously after breakfast. I heard & saw the Bobolinks there & later.

Spent 2 hours in A. M. & 3 in P. M. setting out of doors in an arm chair working the rest of the day work in the flower gardens

Concord

Ther 48° Saturday, May 10, 1919 Wea Dull.

A dismal, cheerless day with darkly clouded sky & strong chill N. E. wind which brought rain by nightfall with every indication that this is the beginning of a prolonged easterly storm & heavy downpour

Half a dozen Yellow warbs, mostly ♀♀) 2 or 3 Ulsna Hermits & a white throated Sparrow drifted about near the house singing a little. I noted no other novel - bound migrants. One local birds sang gaily in early morn but seemed at odds after 9 a. m.

The inclement weather so nearly confined me to the house that I was out of doors less than 2 hours in all, and took only time short walks on the orchard, office & barn. Men plowing, harrowing etc.

Concord.

Ther 38°, 46° Sunday, May 11, 1919 Wea Stormy

N. E. gale with low drooping clouds and incessant heavy rain flooding low places in fields & high roads. Intensely chilly within as well as without, the house until we got up a bright fire in the furnace. Birds for the most part not in evidence. All I noted from our room door were a Bluebird, 2 pairs of Robins, a Song Sp. & a Nashville Warbler.

Spent entire day indoors sitting by the fire & writing half a dozen letters. J. R. Galloway motored up to see me in P. M. Staying half an hour. Arthur Estabrook, he tells me, was taken violently ill at 1 a. m. on May 2 & has seemed confined to his room in the Homeopathic Hospital. Still is heart trouble; rather seasonable weather seems to have

Concord.

Ther 40° 52° Monday, May 12, 1919 Wea Stormy

Continued N. E. storm with wind lulling towards evening but rain pelting down harder than ever. Altogether a more dismal & comfortless day albeit somewhat less chilly than yesterday.

The only birds noted were Robins, Song Sparrows & Chippies close about the house & Crows one or two further off.

There are many Red Squirrels mostly young of this year & scattered more all over the place. I see only a few Grays but one living in a hole in our dooryard elm is frequently in sight & very tame. There are almost no Chipmunks & none rat-a-tat in the dooryard.

Spent a. m. in wood shed, the men stealing seed corn; p. m. in house & mostly in bed for I was not feeling well

Concord.

Ther Tuesday, May 13, 1919 Wea Perfect.

Cloudless with the brightest of warm sunshine, the gentlest of easterly wind & the tenderest of porcelain blue skies. Almost if not quite the height of apple blossom time but altho the earlier trees are in fullest bloom & even shedding their petals the Baldwins & Williams are still mostly in pink buds. The wild trees are as usual the most attractive of all. Every blossoming tree alive with droning bees & also much frequented by Butterflies, mostly Red Admirals, but very little to-day birds of which I heard only a single Warbler (Nonesuch) actually among the blossoms.

Two pairs of nesting Phoebes, one at Bunyan, other at old barn, both ♂♂ in full song.

Special merits of day over & doors near house sitting in open air moved from place to place as the men shifted their work. Suffered greatly from gnat bites & regretted that they spoiled the beauty all around.

Concord - Cambridge

Ther 78° Wednesday, May 14, 1919 Wea Perfect

Cloudless, windless & of summer-like warmth, the day was simply perfect as befitted one which brought the very highest perfection of blossoming apple orchards & fields carpeted with golden dandelions. When I awoke at daybreak a Crested Flycatcher was calling in the orchard. At breakfast time & later a sweet-voiced Wood Thrush was singing in the run. Besides these there were our usual Orioles, Phoebes, Bobolinks, Purple Finch, etc. — altogether a glad choir of delightful bird voices.

Spent most of forenoon in arm chair in dooryard Reforming work on flower beds etc. Left Farm in Ford car at 11.10 & reached Cambridge about 12.30 & a ride through scenes of wonderful beauty. Found C. & E. in good spirits. Dr. Stevens called at 2.30. Sullen "Danny" welcomed me delightfully. A Minotilta, Yellows seen & Maryland Warbler in Jungle, Oriole flutting at Mercer Circle. 25 Robins in yard & lawn.

Cambridge.

Ther Thursday, May 15, 1919 Wea Dull.

Thin cloudy & cool with strong northerly wind which started with extreme suddenness & violence at midnight, last night awakening all of us by the slamming of doors shutters etc. left open to the balmy summer air where we used to bed. Everything out of doors was in sharp contrast to yesterday & more like a windy gray day in late September.

Garden birds. 2 or 3 Robins, a ♀ Minotilta ♂ Nashville W, ♂ & ♀ Ulnea W., unseen Indigo bird heard singing several times in Jungle, Silent Tufted Titmouse bird, ♂ Oriole, several crows, 8 or 10 House Sparrows in poultry yard.

Spent most of day in Midtown routing lily bird notes in afternoon, charging for bills in afternoon. Dr. Edwin A. Locke came with Dr. Stevens by appt'c at 1.45 & stayed an hour taking blood pressure, samples of blood etc.

Cambridge.

Ther Friday, May 16, 1919 Wea Dull

Dark cloudy with strong cold easterly wind.

My physical status no

Ther Saturday, May 17, 1919 Wea

Densely cloudy with chill easterly wind and not infrequent rainfall.

Ther Sunday, May 18, 1919 Wea Fine

Glad sunshine & bright, cool westerly wind, combined to make a delightful day.
I was forced to spend most of it in bed but sat up for the Place Room for an hour or more in late P.M.

Ther Monday, May 19, 1919 Wea Perfect

Brilliantly clear with light cool westerly wind.

Screech Owl in sidewalk maple over Rickard Av., seen by several members of Nuttall Club, Perry Harris tells me, as they were approaching our Museum at evening to attend a Club meeting there

Cambridge

Ther Tuesday, May 20, 1919 Wea Fine

Clear & cool with light easterly wind. Clouds gathering towards sunset.

Lilac & dogwood bloom at its very best. Apple blossoms shedding wilted petals.

Ther Wednesday, May 21, 1919 Wea

Dr. Gering comes fr. Bedford, Cambridge
With me 5.30 - 6 P.M.

Ther Thursday, May 22, 1919 Wea

Cambridge.

Ther Friday, May 23, 1919 Wea

Dr. Gehring & Dr. Stevens

Fine

Clear & warm with light W. wind.

Ther Saturday, May 24, 1919 Wea Dull.

Cloudy & cool. Heavy thunder shower 5 - 6 P. M.

Ther Sunday, May 25, 1919 Wea Fine

Sunny & cool with violent N. W. winds

Cambridge

Ther Monday, May 26, 1919 Wea

October Pears on hand sprayed Fine

Brilliantly clear with high, and n. w. wind

In bed all day feeling very weak & much troubled about things at Concord where Dwen sprayed our orchard despite the violent wind. He should have known better than this & also better than to use his poisons sprayer in the orchard. Gilbert went up about noon & returned on late P. M. bringing word that all the gooseberries, currants, etc. being shrubberies & lattices had been thoroughly sprayed.

Cambridge

Ther Tuesday, May 27, 1919 Wea

Fine

Clear & warmer with light westerly wind.

Black-Thr. Green & Chestnut sides Warbler singing all day long in trees & shrubbery close about our house.

A routine mean day spent mostly in bed although I got up for a couple of hours, looking out into jungle, in late P. M.

Cambridge

Ther Wednesday, May 28, 1919 Wea Fine

Clear, calm, rather chilly.

Garden birds. No migrants. Only a couple of Robins singing. Crows & Jays noisy at daybreak.

Cambridge

Ther Thursday, May 29, 1919 Wea Fine

Sunny but hazy. Very warm. Strong S. W. wind.

Garden birds. In song: 2 Robins, a Swainson's Thrush (in Jungle, 5 P.M.) Seen, a Grackle, a Tanager

Spent forenoon in bed feeling rather "mean". Dr. Stevens called at 11. He claims great improvement in my health & strength due to the diet of stewed lean beef prescribed by Dr. Gehring. This has perhaps wrought some gain but in my opinion not much.

I see nobody save members of our family. Nervous, restless, wakeful nights of late.

I'm now (at 5.15 P.M.) sort of bad partly dressed in chair at open window overlooking Jungle: Hawthorne, Azaleas, Irises & white May roses, in full flower. Balmy heat.

Cambridge

Ther Friday, May 30, 1919 Wea Perfect.

Cloudless with brilliantly clear sunshine & fresh, cool westerly wind.

Garden birds. What I am almost sure was the song of a Mourning Warbler came to my ears thro open windows from lilacs or jasmine, a dozen times or more about 11 a.m. It was so confused with automobiles & other noises that I could not hear it well. An Uncle Warbler singing at same time. Later in day heard Brown Thr. & red birds, 2 Robins singing at daybreak. Hawthorn Bloom fade. It had only two or three days.

Sleeping in bed throughout morn. of a.m. after a wakeful night. Up & dressed at noon & looking out on garden 4-7 [illegible]. Called at 11 a.m. It thinks you no worse

Cambridge

Ther Saturday, May 31, 1919 Wea Fair

Sun shining dim & pale through thin clouds. Cool, bright westerly winds.

Cambridge.

Ther | Sunday, June 1, 1919 | Wea Fair

Cloudy, cool, windless, occasional glearings of pale sunshine.

Garden birds. North-bound migrants apparently all gone by. Locally-resident birds 2 pairs nesting Robins, 1 do Jays, 1 do Crows (these nest in linden at S.W. corner of house), a Thrasher (seen or heard daily) House Sparrows coming in harder to poultry yard, a ♂ Oriole paying us daily visits to flute aloft in elms or jungle; Red-eyed Vireo, one heard singing up to May 30; Brownhead Grackles a few coming & going about every day.

Cambridge

Ther | Monday, June 2, 1919 | Wea Fair

Another day of wan sunshine & calm, cool air.

Spent forenoon in bed, rest of afternoon & evening in.

Cambridge.

Ther 98° Tuesday, June 3, 1919 Wea

Sunny but hazy, almost windless; Hottest June day on record according to newspapers.

Cambridge

Ther 98° Wednesday, June 4, 1919 Wea

Another day of fair sunshine, calm air & intense heat.

Cambridge

Ther 96° Thursday, June 5, 1919 Wea

Cambridge.

Ther Friday, June 6, 1919 Wea Fine

Clear with fresh, ~~cool~~ westerly ~~breeze~~.

Ther Saturday, June 7, 1919 Wea

Ther Sunday, June 8, 1919 Wea

Ther Wednesday, June 11, 1919 Wea

Ther Thursday, June 12, 1919 Wea

Ther Friday, June 13, 1919 Wea

Cambridge

Ther Saturday, June 14, 1919 Wea
Sunrise

Brilliantly clear & delightfully cool with light westerly winds

Spent most of day in bed but was dressed & sat up for hour or more just before sunset.
Gilbert went to Concord bringing back fine large strawberries of every kind now grown there.

Cambridge

Ther Sunday, June 15, 1919 Wea Fair

Forenoon sunny, afternoon mostly cloudy. Very little wind. Warm.

Spent A.M. asleep in bed, rose 5 P.M. up & dressed sitting by chamber window that looks out on jungle.

Ther Monday, June 16, 1919 Wea

Ther Tuesday, June 17, 1919 Wea

Ther Wednesday, June 18, 1919 Wea

Birds in our Garden, Cambridge

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
1	Herring Gull 2 4		
2	Chickadee 3 2 4 2 at suet 6 2 do. 7 2 do. 8 2 do 9 1 do		
3	Starling 3 3 eating apples 4 7 do. 5 8 do 6 12 do. 13 2 do.		
4	Crow 3 3 in jungle. 9 1 14 2 in circling 18 hd. 25 hds		
5	Pine Grosbeak 4 3 in jungle		
6	Hairy Woodpecker 4 head 6 eating suet 12 hd		
7	Downy " 6 2 ♀♀ 13 hds 17 hd. 18 hd.		
8	House Sparrow 5 10 in clothing yd. 6 2 do + 8 5 + 9 3 11 1		
9	Blue Jay 6 1 caching bread & suet 9 (3) 17 hd. 19 hd.		
10	Northern Shrike 8 1 ♂ Seen & heard by Percy Harris, 8 a.m.		
11	Gold-crest Kinglet 18 hd in lilacs.		
12	White Breast Nuthatch 2 3 hd		

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
21 hd. 22 hd 23 (4) 24 (5) at suet 25 hd 26 hd			
10 1 do. 11 2 12 1 do. 13 1 do 14 1 15 2 16 1 at suet 17 (4) 18 2 19 2			
14 2 do 15 1 do. 16 1 do			
26 hd. 29 hd.			
15 (8 ♀♀)			
23 9 in grape arbor			
14 2 17 2 30 hd.			
21 (4) in lilacs 22 hd. 23 hd 24 hd 25 hd 26 hd 29 hd			
14 2 ♂ at noon in ✕ Catalpa by Mrs in full song 15 1 in lilacs ♀ (Sat. during)			

Birds in our Garden, Cambridge

CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.
1	Chickadee 4² 6hd 11 (4) 12¹ 13hd		
2	Song Sp. 4¹² + 8³⁰ + 11³⁰ + 12³⁰ +		
3	Crow 5hd 6hd 16¹ 18hd 28hd		
4	Blue Jay 6hd 11hd 12hd 13hd 15hd		
5	Downy W. 16 (♂ ♀ ♀) in library near trees 17¹ 18♀		
6	Tree Sparrow 16¹ on ground under Parkman apple, feeding.		
7	Hairy W. 17 (Percy) 26 ♂ ♀ at suet in Carlotta's		

CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.
	14hd 16 (7) 18¹ 20hd 24¹ 26¹ 28²		
	13³⁰ + 16¹⁰ 18hd 21²⁰ + 22¹⁵ + 24⁵ 27³⁰ + 28³⁰ +		
	16hd 21 (3) in library 26¹ 27²		
	at suet 20² 21 (2 ♂ ♀) in library 22hd 24 (2 ♂ ♀) 26² 28♀		
	27♂ at suet 28♂ ♀		

Birds in our Garden, Cambridge

CASH ACCOUNT. MARCH.

Date		Received.	Paid.
1.	Chickadee 1 at suet.	3 do 5 do 8 do 15 do 19	
2.	House Sp.	1 30+ 2 30+ 3 30+ 4 30+ 5 40+	
3.	Crow	1 2 2 2 3 hd 4 hd 5 hd 6	
4.	Blue Jay	1 hd 2 2 3 2 5 3 6 2 12 1	
5.	Downy W.	1 7 at suet 2 7 at suet 3 1 4 1 5 7 9	
6.	Flicker	2 * Heard many times, 11 a.m. 10 * Percy.	
7.	Robin	4 * Percy, 6 (7) Percy 7 (5) do, 8 * Percy 21 22 25 at suet	
8.	Grackle	4 Percy. 7 in Cambridge 8 Percy 11 1 12 1	
9.	Song Sparrow	5 (1) * 8 1 14 1 15 1 29 1 30 1 31 1	
10.	Fox "	5 (2) 20 1 * 24 1 26 2 29 7, 30 8 31 3	
11.	Junco	6 ♂ (X)	
12.	Hairy W.	6 ♂ 13 ♀ big at suet 14 ♂ ♀ small big at suet	
13.	Starling	8 4	
14.	White B. Nuthatch	23 2 in elm Army House.	
15.	Goldfinch	24 5 in robinia under eating seeds.	

CASH ACCOUNT. MARCH.

Date		Received.	Paid.
1.	Chickadee	20 2 21 4 24 2 26 2 28 27 30 * 31 1 15 30+ 18 30+ 20 30+ 21 30+	28 20
2.	House Sp.	6 40+ 7 20+ 8 20+ 9 6 10 30+ 11 20+ 12 20+ 13 30+ 14 30+	
3.	Crow	7 hd 8 hd. 10 hd 11 hd. 12 hd. 13 3 in Cambridge 24 2 28 hd 30 hd. 15 2	20 3 31 3 24 2
4.	Blue Jay	14 3 20 hd 21 2 22 1 28 1 29 1 30 1	
5.	Downy W.	6 7 8 hd. 10 hd 11 hd 13 1 in Elm 14 7 at suet 15 7 16 7 do 18	
6.	Flicker	22 1 * 24 1 25 1 * 26 31 * 19 1 26 1 22 7 suet 24 7 29 25 7 30 7	
7.	Robin	22 1 24 8 * 25 8 26 2 1 * 27 2 early morn. 29 3 30 2	
8.	Grackle	13 2 in Elmer 14 2 do. 15 (6) in Birch Sr. 16 hd 20 4 21 3 22 10	
9.	Song Sparrow	24 6 25 6 26 4 29 15 30 22 31 16	
10.	Fox "		
11.	Junco		
12.	Hairy W.	22 Small ♂ 25 hd 29 Small ♂ 30 Big ♂ ♀	
13.	Starling		
14.	White B. Nuthatch	24 1 in Catalpa 30 1 do 31 1 * in Catalpa by Museum.	
15.	Goldfinch		

Birds in our Garden, Cambridge

CASH ACCOUNT. APRIL.

Date.	Received.	Paid.
1.	Robin 1² 3¹ 4¹ 5¹ 6¹ ✱ 7¹ ✱ 8² ✱ 9² 10¹ 11 ♂♀ ✱	12 ♂♀ ✱ 13 ♂♀ ✱ 14 ♂♀ ✱ 15 ♂♀ ✱ 16¹ ✱ 17¹ ✱ 18 ♂♀ ✱ 19 ♂♀ ✱
2.	Fox Sp. 1⁴ 2¹ 3⁸ ✱ 4 ✱ 5⁻⁴ ✱ 6¹ ✱ 7¹ ✱	20th 22th
3.	Grackle 1⁶+ 2¹⁰ 3¹⁴+ 4¹⁰+ 5 Sev. 6 Sev. 7 Sev	8¹²+ 9¹⁵+ 10¹³ 11¹² 12¹² 13¹⁰ 14⁸ 15⁸ 17⁵ 18⁴ 19⁶ 20⁶
4.	House Sp. 1²⁰+ 2²⁰+ 3²⁰ 4²⁰ 5¹⁵ 6¹³ 7¹² 8¹²	9¹² 11¹⁵ 12²⁰ 13²⁰ 14¹⁵ 15¹⁵ 17¹⁵ 18²⁰ 19¹² 20¹² 21¹⁰
5.	Downy W. 1 2 ♂♀ 4 ♀ 7 hd 8 ♀ 10 hd. 11 hd.	12¹ 14² 15 hd 19 ♀ 20 hd 21 hd 22 hd
6	White Br. Nuthatch 2 1 hn 4 hd	
7	Crow 2² 3 4 5 Sev. 8 9 Sev 10 Sev 11 hd	13 hd 14 hd. 15 hd. 19² 20 22²
8	Junco 3 ♂♀ ✱ 4 ♂♀ ✱ 7 ♂ ✱ 8 ♀ 12 ♂ ✱	21 hd.
9	Hairy W. 3 small ♀ 4 very small ♀ 6 hd 7 hd 8 very small ♀	9 ♂♀ both very small 12 small ♀ 14 ♂♀ both small 15 ♂♀ do. 19 big ♀ 20 hd
10	Chickadee 3 4 at suet 20¹	
11	Blue Jay 2² 4² 5⁻² 6² 7² 8² 9² 10¹	11¹ 12¹ 13² 14² 15¹ 20²
12	Flicker 5¹ ✱ 6¹ ✱ 7 2 1 ✱ 8 ♀ 13¹ 14¹ ✱	15¹ ✱ 17¹ ✱ 18¹ ✱ 19¹ ✱ 20¹ ✱
13	Sparrow Nawell 6 hd. many times Brownie Horsford.	
14	Bluebird 7 ♂ ✱ full song hd. last time visit for ♀ at 3 Bd. Bird house.	8 ♂ in Chauncy Smith pk Seen by D. Bangs. 18 flight, call hd, fancy
15	Song Sparrow 8¹ 1 Sylvia's Birds in Garden 9¹	14 2 1 ✱ 15 ♂ ✱
16	Hermit Th. 13¹ at feeding yard. 20¹	
17	Chippy 20¹ ✱ Hubbard Park 21¹ ✱ 22¹ ✱	
18	Ruby Crown K. 20 ♂ ✱ in elms 21 ♂ ✱ (Fine singing)	22 ♂ ✱ (Fine)
19	Goldfinch 21 call note heard. 22 ♂ ♀ in Larch	
20	Pine Linnet 22 20+ in Eu. Larch 9 to 10 a.m.	

CASH ACCOUNT. APRIL.

Birds in our Garden, Cambridge

CASH ACCOUNT. MAY.

Date.		Received.	Paid.
1	Robin 14² ✱ 16¹ ✱ 18² ✱ 19¹ ✱ 20¹ ✱ 25 ✱ 26¹ ✱ 27 29² ✱ 30² ✱ 31¹ ✱		
2	Minolitta 14♀ 15♀ 18¹ ✱		
3	Nashville W. 14♂ ✱ 15♂ ✱		
4	Yellow rump 14♀		
5	Crow 14² 15⁴ 18² 19² 20² 27⑥ 29³ 30		
6	Jay 14¹ 15¹ 18² 19¹ ✱ 20¹ 26² 27²		
7	Oriole 14¹ ✱ Mercer Circle 15¹ ✱ 18¹ ✱ 19¹ ✱ 20¹ ✱ 22 ✱ 23 ✱ 24¹ ✱ 30¹ ✱ 31¹ ✱		
8	Grackle 14² 18² 29² 31²		
9	House Sp. 14⁶ 15⁸ 19 20 29 Sat. 30 Sun. 31		
10	Usnea W. 15 ♂ ✱ ♀ 18♂ ✱ 30⁸ ✱		
11	Redstart 15 ♂ ad ✱ 18♂ ad ✱		
12	Indigo bird 15 ♂ ✱ Unusual hd this.		
13	Peabody bird 15¹ 20♂ ✱		
14	Cat bird 18¹ ✱		
15	Purple Finch 18¹ ✱		
16	Flicker 17 ✱ 18¹ ✱ 19¹ ✱ 20¹ ✱ 21¹ ✱ 23¹ ✱ 24 26¹ ✱ 29¹ 30¹ ✱ 31¹ ✱		
17	Rose br. Gros. 19¹ ✱ early morn		
18	Red. eye Vireo 19¹ ✱ 22¹ ✱ 23¹ ✱ 24¹ ✱ 26¹ ✱ 27¹ ✱ 30¹ ✱		
19	Tennessee Warb. 20¹ ✱		
20	Swift 20² 22² 23² 26 hd 27 hd		
21	Oven bird 24¹ ✱		
22	Coast Flycatcher 22¹ Calling robin		
23	Maryland Yl. Thr. 26¹ ✱		
24	Black thr. Gr. W. 27¹ ✱		
	Chestnut Sided W. 27¹ ✱		

CASH ACCOUNT. MAY.

Date.		Received	Paid.
26	Swainson Th. 29 ♂ ✱ in Jungle s. P. S.		
27	Mourning W. 30¹ ✱		
28	Scarlet Tan. 19¹ ✱ over Rindge Ave. & P. a. Sunday N. O. C. meeting on Walden way to meeting		

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
1	Robin 1 2 2 3 2 Squirrels have gone out of wheel 4 5 5 6		
2	H. Sparrow 1 12+ 2, 3, 4, 5 20+ 6 20+ 14 20 15		
3	Flicker 1 2 3 4, 5 6 14		
4	Jay 1 2 2 3 2 4 hd 5 hd 6 hd 14 15 hd		
5	Grackle 4 3 one 5 1 6 hd 14		
6	Crow 2 2 4 hd 5 hd 6 6 14 2		
7	Red-eye V. 2 3 5 6 7 14 15		
8	Swift 2 hd at 5 da 7 da 14 hd		
9	Bal. Oriole 1 2 3 5 6 7 13 14		
10	Chippy 6 14		
11	King bird 5 hd 15 hd		
12	Warbling Vireo 7 full song given there 8a. 8 up or near lindens fr. 9 hands.		
13	Scarlet Tan 12 4 on twin carpet driveway 3 p.m.		

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